Vol. XXI DECEMBER, 1937 No. 2

THE HAMILTON COLLEGE BULLETIN

ANNUAL CATALOGUE

ONE HUNDRED AND TWENTY-SIXTH YEAR

1937-1938

CLINTON, N. Y.
PUBLISHED BY THE COLLEGE
1937

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Published by the College four times a year, in November, December, April, and July. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized September 11, 1918

FORM OF BEQUEST

Every alumnus is urged to remember the College in his will and to use his influence to persuade others to include a gift to the College in their wills.

A suitable form of bequest to the College may be as follows:

> I give, devise, and bequeath to the Trustees of Hamilton College at Clinton, New York, the sum of.....dollars ($.....)
> (or other property described).

COLLEGE CALENDAR

First Semester, 1937-1938

1937

Sept. 13-15 Monday to Wednesday, Entrance Examinations.
Sept. 14-15 Tuesday and Wednesday, Registration of all Classes.
Sept. 15 Wednesday, 5 p.m., New Undergraduates meet the Dean in the Chapel.
Sept. 16 Thursday, 8:30 a.m., Chapel, Beginning of the Academic Year.
Sept. 18 Saturday, 2 p.m., Entrance Examinations in Science.
Oct. 23 Saturday, 9:30 a.m., Meeting of the Board of Trustees.

Thanksgiving Recess, from November 24, Wednesday, 4:30 p.m., to November 29, Monday, 8:30 a.m.

Christmas Recess, from December 21, Tuesday, 4:30 p.m., to January 5, Wednesday, 8:30 a.m.

1938

Jan. 17-26 Semester Examinations.

Second Semester

Jan. 31 Monday, 8 a.m., Beginning of the Second Semester.
Feb. 5 Saturday, before 12 o'clock noon, Pruyn, Head, and Kirkland Prize Orations due.
Mar. 23 Wednesday, 8 p.m., McKinney Prize Debate.

Spring Recess, from March 25, Friday, 4:30 p.m., to April 5, Tuesday, 8:30 a.m.

Apr. 9 Saturday, before 12 o'clock noon, Prize Theses, Essays, and Clark Prize Orations due.
Apr. 16 Saturday, 9:30 a.m., Meeting of the Board of Trustees.
May 7 Saturday, Spring House Parties.
May 18 Wednesday, Submission of Elective Choices.
May 27 Friday, Brandt Prize Examination in German.
Tompkins Prize Examination in Mathematics.
Underwood Prize Examination in Chemistry.
May 28 *Saturday, Memorial Day.*

May 30-June 8 **Semester Examinations.**

June 8 Wednesday, Final Chapel. Announcement of the Honors and Prizes of the Year.

Commencement Week

June 10 Friday, Meeting of the Board of Trustees, 3 p.m.
McKinney Prize Declamation Contest, 4 p.m.
The Charlatans' Dramatic Exhibition, 8:15 p.m.

June 11 Saturday, Alumni Day. Meeting of the Society of Alumni, 10:30 a.m. Class Reunions, 12:30 p.m.
The President's Reception, 4-6 p.m.
Clark Prize Exhibition, 7:30 p.m.

June 12 Sunday, Baccalaureate Service, 11 a.m.

June 13 Monday, 126th Commencement.

Summer Vacation of Thirteen Weeks.

First Semester, 1938-1939

Sept. 12-14 Monday to Wednesday, Entrance Examinations.

Sept. 13-14 Tuesday and Wednesday, Registration of all Classes.

Sept. 14 Wednesday, 5 p.m., New Undergraduates meet the Dean in the Chapel.

Sept. 15 Thursday, 8:30 a.m., Chapel, Beginning of the Academic Year.

Sept. 17 Saturday, 2 p.m., Entrance Examinations in Science.

Oct. 8 Saturday, 9:30 a.m., Meeting of the Board of Trustees.

Thanksgiving Recess, from November 23, Wednesday, 4:30 p.m., to November 28, Monday, 8:30 a.m.

Christmas Recess, from December 21, Wednesday, 4:30 p.m., to January 5, Thursday, 8 a.m.

1939

Jan. 16-25 Semester Examinations.

Jan. 30 Monday, 8 a.m., Beginning of the Second Semester.

THE TRUSTEES

	ELECTED	TERM
CHARLES B. ROGERS, LL.D., Clinton	1899	
REV. ROBERT G. MCGREGOR, D.D., New Rochelle	1910	1938
REUBEN LESLIE MAYNARD, A.M., New York	1910	1938
DANIEL BURKE, LL.D., New York, *Chairman*	1913	1941
PRES. FREDERICK C. FERRY, PH.D., SC.D., J.U.D., LL.D., Clinton	1917	
HARRY G. KIMBALL, A.M., New York	1922	1943
CHARLES A. MILLER, LL.D., New York	1923	1944
JOHN L. STRICKLAND, A.B., Utica	1923	1944
ELIHU ROOT, JR., A.M., New York	1924	1938
C. WILLARD RICE, A.B., Geneva	1924	1938
CLARK H. MINOR, PH.B., New York	1927	1941
NEILE F. TOWNER, A.B., Albany	1927	1941
FREDERIC P. WARFIELD, A.B., New York	1928	1942
JAMES A. CHRESTENSEN, A.B., Franklinville	1929	1943
LOUIS J. EHRET, PH.M., New York	1929	1943
EDWARD R. EVANS, M.D., Utica	1932	1939
GEORGE L. ABBOTT, PH.B., Palmyra	1932	1939
STANLEY E. GILBERT, PH.B., Utica, *Clerk*	1933	1940
H. DORSEY SPENCER,* B.S., New York	1934	1938
E. ALBERT ROGERS,* A.B., Lockport	1935	1939
HENRY P. BRISTOL, A.M., New York, *Vice Chairman*	1935	1942
THOMAS B. RUDD, A.M., Clinton	1935	1942
ALEXANDER WOOLLCOTT, L.H.D., New York	1935	1942
J. SAWYER FITCH, A.M., Rochester	1935	1942
JAMES I. FARRELL,* M.D., Utica	1936	1940
GEORGE F. GENTES, B.S., Ardsley	1937	1944
HAROLD W. THOMPSON,* PH.D., D.LITT., Albany	1937	1941
EDGAR W. COUPER, A.B., Binghamton	1937	1944

*Elected by the Alumni of the College.

COMMITTEES OF THE TRUSTEES

Executive: MESSRS. FERRY, C. B. ROGERS, EVANS, GILBERT, RUDD.

Ways and Means: MESSRS. MINOR, MAYNARD, TOWNER, ABBOTT, BRISTOL, COUPER.

Instruction and Government: MESSRS. MILLER, TOWNER, RICE, WOOLLCOTT, FITCH, THOMPSON.

Laboratory, Museum, and Apparatus: MESSRS. KIMBALL, STRICKLAND, CHRESTENSEN, EVANS, E. A. ROGERS.

Library: MESSRS. MCGREGOR, WARFIELD, EHRET, WOOLLCOTT, FARRELL.

Degrees: MESSRS. FERRY, MCGREGOR, TOWNER, ABBOTT, WOOLLCOTT.

Buildings and Grounds: MESSRS. ROOT, JR., MAYNARD, FERRY, MILLER, BRISTOL, RUDD, FITCH.

Undergraduate Activities: MESSRS. RUDD, STRICKLAND, EHRET, SPENCER, FARRELL.

College Growth: MESSRS. WARFIELD, CHRESTENSEN, ABBOTT, E. A. ROGERS, COUPER.

Finance: MESSRS. BURKE, MILLER, ROOT, JR., MINOR, BRISTOL, GENTES.

Health and Hygiene: MESSRS. EVANS, KIMBALL, RICE, SPENCER.

Nominations: EXECUTIVE COMMITTEE AND MESSRS. KIMBALL, MILLER, ROOT, JR., TOWNER, GENTES.

Treasurer

CHARLES B. ROGERS, LL.D.
First Citizens Bank and Trust Co., Utica, N. Y.

OFFICERS OF INSTRUCTION*

FREDERICK CARLOS FERRY ..... *President of the College and Professor of Mathematics.*

A.B., Williams, 1891; A.M., Williams, 1894, and Harvard, 1895; Ph.D., Clark, 1898; Sc.D., Colgate, 1909, Knox, 1936, and Clark, 1937; J.U.D., Hamilton, 1917; LL.D., Williams, 1917, George Washington, 1921, and Rutgers, 1935.

ALBRO DAVID MORRILL, *Stone Professor of Biology, Emeritus.*

B.S., Dartmouth, 1876; M.S., 1879; Sc.D., Colgate, 1926.

SAMUEL J. SAUNDERS ..... *Professor of Physics, Emeritus.*

A.B., Toronto, 1888; A.M., 1893; D.Sc., Cornell, 1894.

WILLIAM PIERCE SHEPARD ..... *Burgess Professor of the Romance Languages and Literatures.*

A.B., Hamilton, 1892; A.M., 1893; Ph.D., Heidelberg, 1896.

ARTHUR PERCY SAUNDERS ..... *Childs Professor of Agricultural and of General Chemistry.*

A.B., Toronto, 1890; Ph.D., Johns Hopkins, 1894.

EDWARD FITCH. *Edward North Professor of Greek, Emeritus.*

A.B., Hamilton, 1886; Ph.D., Göttingen, 1896; L.H.D., Hamilton, 1934.

JOSEPH DARLING IBBOTSON ..... *Librarian, Emeritus.*

A.B., Hamilton, 1890; A.M., 1894.

CLEVELAND KING CHASE. *Benjamin-Bates Professor of Latin.*

A.B., Oberlin, 1891; A.M., 1896; Litt.D., Colgate, 1919.

FRANK HUMPHREY RISTINE ..... *Hamilton B. Tompkins Professor of English Literature; Dean.*

A.B., Wabash, 1905; A.M., Columbia, 1907; Ph.D., 1910; L.H.D., Wabash, 1933.

MILLEDGE LOUIS BONHAM, JR. ..... *P. V. Rogers Professor of History.*

B. Litt., Furman, 1900; A.M., Columbia, 1910; Ph.D., 1911.

*Arranged in the order of appointment to rank.

HORACE SEELY BROWN ..... *Professor of Mathematics; Clerk of the Faculty.*
B.S., Lafayette, 1899; M.S., 1905.

WILLIAM MASSEY CARRUTH. *Pratt Professor of Mathematics.*
A.B., Cornell, 1901.

NELSON CLARKE DALE ..... *Professor of Geology.*
B.S., Middlebury, 1903; A.M., Brown, 1909;
Ph.D., Princeton, 1914.

ALBERT IRA PRETTYMAN .... *Director of Physical Education.*
International Y.M.C.A. College, Springfield, 1906; B.P.E., 1927.

EDWARD FRANKLIN HAUCH ..... *Professor of the German Language and Literature.*
A.B., Toronto, 1907; A.M., Columbia, 1909; Ph.D., 1916.

ROBERT BARNES RUDD ..... *Professor of English Literature.*
A.B., Hamilton, 1909; B.A., Oxford, 1912; A.M., Hamilton, 1913.

DONALD BLYTHE DURHAM, *Edward North Professor of Greek.*
A.B., Princeton, 1905; A.M., 1906; Ph.D., 1911.

WALTER NORTON HESS ..... *Stone Professor of Biology.*
A.B., Oberlin, 1913; A.M., Cornell, 1916; Ph.D., 1919.

FRANCIS LESTER PATTON ..... *Leavenworth Professor of Economics.*
A.B., Ohio State, 1913; B.A., Oxford, 1916; M.A., 1919;
Ph.D., Columbia, 1926.

PAUL ADEE FANCHER ..... *Professor of English.*
A.B., Amherst, 1910; A.M., Columbia, 1916.

*BERRIAN RANKIN SHUTE ..... *Professor of Music.*
Institute of Musical Art, New York, 1910-16.

JEAN MARIUS GÉLAS ..... *Director of Physical Education.*
École Normale Militaire d'Escrime et de Gymnastique,
Joinville-le-Pont, France, 1898-1902.

WILLARD BOSTWICK MARSH.... *Upson Professor of Rhetoric and Oratory.*
A.B., Hamilton, 1912; A.M., 1915; A.M., Princeton, 1917.

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*Absent on leave for the year.

ARTHUR RALPH WINTERS....*Director of Physical Education.*
A.B., Oberlin, 1923; A.M., New York University, 1930.

EARL ORLO BUTCHER ..... *Professor of Biology.*
A.B., DePauw, 1925; A.M., Cornell, 1926; Ph.D., 1928.

GEORGE HARVEY CAMERON ..... *Professor of Physics.*
B.Sc., Saskatchewan, 1922; Ph.D., California Institute of Technology, 1926.

EDGAR BALDWIN GRAVES ..... *Professor of History.*
A.B., Haverford, 1919; A.M., 1922; Ph.D., Harvard, 1929.

BOYD CRUMRINE PATTERSON .... *Professor of Mathematics.*
A.B., Washington and Jefferson, 1923; A.M., Johns Hopkins, 1925; Ph.D., 1926.

DONALD NICHOLS TWEEDY ..... *Acting Professor of Music.*
A.B., Harvard, 1912; A.M., 1917.

RALPH CLEWELL SUPER ..... *Associate Professor of Spanish, French, and German.*
A.B., Ohio University, 1895; Diploma, Grenoble, 1899.

ASA EMANUEL MCKINNEY, *Associate Professor of Chemistry.*
A.B., Indiana, 1914; A.M., 1915; Ph.D., Cornell, 1923.

MOX ARTHUR WEBER ..... *Associate Director of Physical Education.*
A.B., Oberlin, 1925; A.M., Columbia, 1931.

GEORGE LYMAN NESBITT .... *Associate Professor of English.*
A.B., Hamilton, 1924; A.M., Columbia, 1927; Ph.D., 1934.

WALLACE BRADLEY JOHNSON ..... *Registrar.*
Ph.B., Hamilton, 1915.

JAMES QUAYLE DEALEY, JR. ..... *Associate Professor of Political Science.*
A.B., Brown, 1920; B.A., Oxford, 1923; M.A., 1928; Ph.D., Harvard, 1928.

LEWIS FRANCIS STIEG ..... *Associate Librarian.*
B.A., Buffalo, 1930; M.A., 1931; A.M., Harvard, 1932; A.B. in Library Science, Michigan, 1933; Ph.D., Chicago, 1935.

LEWIS HALL GORDON ..... *Assistant Professor of Romance Languages.*
A.B., Princeton, 1927; A.M., 1928.

JOHN MORRISON MOORE .... *Assistant Professor of Ethics and Christian Evidences.*
A.B., Park, 1925; A.M., Harvard, 1933; B.D., Union Theological Seminary, 1933.

JOHN ROBERT MATTINGLY ..... *Assistant Professor of Greek and Latin.*
A.B., Chicago, 1926; Ph.D., Yale, 1931.

FRANCIS EDWARD MINEKA ..... *Assistant Professor of Public Speaking and English Composition.*
A.B., Hamilton, 1929; A.M., 1931.

HENRY JANZEN .... *Assistant Professor of Political Science.*
A.B., Bluffton, 1927; M.A., Ohio State, 1929; Ph.D., 1931.

JOHN WILLIAM BLYTH .. *Assistant Professor of Philosophy.*
A.B., Haverford, 1931; A.M., Iowa, 1932; Ph.D., Brown, 1936.

STEPHEN WATERS NILE ..... *Instructor in Physics.*
A.B., Reed, 1927; Ph.D., New York University, 1931.

LEROY ALBERT HOWLAND, JR. ..... *Instructor in Romance Languages.*
A.B., Wesleyan, 1931; A.M., Harvard, 1934.

THOMAS MCNAUGHTON JOHNSTON .. *Instructor in English Composition.*
B.S., Washington and Jefferson, 1926; A.M., Tulane, 1931.

OTTO KARL LIEDKE ..... *Instructor in German.*
Oberrealschule, Berlin, 1924; A.M., Cornell, 1932; Ph.D., 1937.

ROBERT GRAHAM MINER ..... *Instructor in Public Speaking.*
A.B., Hamilton, 1934.

WILLIAM SLOANE ..... *Instructor in English.*
A.B., Hamilton, 1932; A.M., Columbia, 1933.

WILLARD HALL PARSONS ..... *Instructor in Geology.*
B.S., Hamilton, 1933; A.M., Princeton, 1935; Ph.D., 1936.

PHILIP VIRGILIUS ROGERS ..... *Instructor in Biology.*
A.B., Hamilton, 1930; A.M., 1934; Ph.D., Yale, 1937.

EDWARD WALES ROOT ..... *Lecturer on Art.*
A.B., Hamilton, 1905; A.M., 1908.

COMMITTEES OF THE FACULTY

Schedule and Studies: MR. CARRUTH, THE PRESIDENT, MESSRS. RISTINE, DURHAM, MARSH, NESBITT.

Discipline: THE PRESIDENT, THE DEAN, MESSRS. BROWN, CARRUTH, MARSH, WEBER.

Attendance and Scholarship: THE PRESIDENT, THE DEAN, MESSRS. BROWN, HESS, WINTERS, PATTERSON, BLYTH.

Undergraduate Activities: MR. RISTINE, THE BURSAR, MESSRS. PRETTYMAN, HAUCH, HESS, GRAVES.

Reading: THE PRESIDENT, MESSRS. SAUNDERS, RUDD, FANCHER, MARSH, DEALEY, MINEKA.

Library: MESSRS. STIEG, SHEPARD, CHASE, BONHAM, TWEEDY, DEALEY, MATTINGLY.

Admissions: THE PRESIDENT, THE REGISTRAR, MESSRS. RISTINE, BROWN, HAUCH, GÉLAS, CAMERON, GRAVES.

Record of Scholarship: MR. PATTERSON, THE REGISTRAR, MESSRS. PATTON, NILE.

Catalogue: MESSRS. DURHAM, BUTCHER, MCKINNEY, GORDON, MATTINGLY, JANZEN.

Research: MR. SHEPARD, THE PRESIDENT, MESSRS. DALE, CAMERON, GRAVES, MOORE.

Advisory: THE PRESIDENT, MESSRS. RISTINE, CARRUTH, HAUCH, HESS, GRAVES.

Rooming: THE PRESIDENT, THE C[redacted].MAN OF THE TRUSTEE COMMITTEE ON INSTRUCTION [redacted]D GOVERNMENT, THE DEAN, THE REGISTRAR, THE BUR[redacted]AR.

Chapel: THE PRESIDENT, MESSRS. RISTINE, HAUCH, WINTERS, MOORE; and WINANT SIDLE, '38, representing the undergraduates.

Rhodes Scholarship: MESSRS. SAUNDERS, PATTON, DEALEY.

Memorial Room: MESSRS. STIEG, RUDD, GRAVES.

OFFICERS OF ADMINISTRATION

FREDERICK CARLOS FERRY, PH.D., SC.D., J.U.D., LL.D., *President*
CHARLES BUTLER ROGERS, LL.D. ..... *Treasurer*
FRANK HUMPHREY RISTINE, PH.D., L.H.D. ..... *Dean*
LEWIS FRANCIS STIEG, PH.D ..... *Associate Librarian*
HORACE SEELY BROWN, M.S. ..... *Clerk of the Faculty*
WALLACE BRADLEY JOHNSON, PH.B. ..... *Registrar*
EDWARD MICHAEL COUGHLIN ..... *Bursar*
ELLIOT CRIM BURTON, B.S. .... *Superintendent of Buildings and Grounds*
FENDALL WINSTON YERXA,* A.B. .... *Assistant Secretary of Admissions*

PRESIDENT'S OFFICE

SARAH ORISSA JEWETT ..... *Secretary to the President*
ALICE KLINE GARABRANT ..... *Assistant*

LIBRARY

RACHEL SWAN ROBERTS, A.B. ..... *Assistant Librarian*
HELEN AGNES GAFFNEY ..... *Secretary to the Librarian*
MRS. ROY BICKNELL DUDLEY, A.B. .... *Assistant Cataloguer*
HELEN RUTH LOOMIS ..... *Assistant Cataloguer*
ELIZABETH CONGDON, A.B., B.S. ..... *Assistant Cataloguer*
AMELIA MAE OVERROCKER ..... *Assistant*
DOROTHY ALICE FOWLER ..... *Assistant*
KYLE BURNS ..... *Assistant*

BURSAR'S OFFICE

MRS. ADELAIDE TIMIAN RICHTER .. *Secretary to the Bursar*
MRS. LUCY HICKOX CAHILL ..... *Assistant*
JAMES FRED COLOPY ..... *Bookkeeper*

INFIRMARY

ALBERT RICHARD HATF[redacted]D, JR., M.D. .... *College Physician*
CLIFFORD D. GALLAGHE[redacted] M.D. ..... *Clinical Pathologist*
ROBERT C. HALL, M.D. ..... *Consultant in Roentgenology*
KATHARINE GERTRUDE WELCH, R.N. ..... *Resident Nurse*

PRESS BOARD

EDWARD NORTH MAIN ..... *Manager*

ANDREWS & GILBERT ..... *Operators of the Commons*

*Through December, 1937.

EARLY HISTORY

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War, Kirkland's influence drew many Iroquois to the Colonial cause and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service and others during the Revolution, followed by frequent interposition in behalf of friendly relations between the Indians and the white settlers, won for Kirkland the confidence and regard of Washington and Hamilton. When Kirkland determined to establish a school for the Indians and the sons of pioneers, Hamilton gave his support to the project, and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the University of the State of New York, January 29, 1793. The State and the Indians had granted to Kirkland in 1788 a tract of wild land in what is now the Town of Kirkland, a portion of which was set aside for the new institution. Here, in a small clearing, at a spot just south of the present Chapel, the corner stone of the first building was laid by Baron Steuben, July 1, 1794. The school expanded until in 1810 its students numbered 170. Two years later, May 26, 1812, the college charter was granted.

Purpose

In a period of rapid changes in educational theory, Hamilton College chooses to preserve the earlier college ideals. It believes that the discipline of language-training is an essential part of the preparation for subsequent specialization in any field of study, as well as the basis for a critical appreciation of literature; that the mastery of subjects of approved discipli-

nary and cultural value is a means of gaining a broad and liberal training for life; and that, in the diversity of modern educational needs, there is a definite place for the small college that emphasizes the humanities.

While the College thus vigorously maintains the cultural ideal, it aims to neglect no subject that is essential to a well-rounded education. The modern languages are not sacrificed to the ancient, nor the natural sciences to philosophical or historical studies. Laboratory training in the methods of science forms an integral part of the scheme of studies prescribed as the basis of a liberal education. At the same time, students may receive thorough preparation for the scientific and medical schools. Instruction in the principles of constitutional government, begun under Theodore W. Dwight about 1845, and extended to follow the advance of constitutional government throughout the world, is designed to equip men for intelligent citizenship. The College has long enjoyed a reputation for efficient training in public speaking which it imparts to all its students, and work in this department is required of every undergraduate throughout his course.

By the application of a group system of electives, the College aims to secure breadth without superficiality, and thoroughness without cramping rigidity. It demands intensive work on the part of its students, and it strives to offer them breadth of educational and spiritual outlook.

ADMISSION

Methods of Admission to the Freshman Class

Admission to the Freshman Class of the College in September is to be secured in various ways described below. It is to be noted, however, that the total annual enrollment has been limited to about four hundred undergraduates. Since more candidates seek admission than can be received, the College is obliged to make selection among them. In the making of this selection, the chief weight is given to scholarship and character.

Early application is advisable, since the enrollment in the Freshman class is limited. The choice is made among the applicants by a series of selections. The selections are made by the Committee on Admissions, beginning early in March, at which time records of applicants through the first half of the last preparatory year are usually available. The applicant is informed as soon as he is tentatively accepted, but final action is not taken on the application until the school record is complete. Ordinarily the tentative acceptance becomes final as soon as the candidate successfully completes the work of the final school year.

To secure the reservation of a place in the College for a candidate for admission, the payment of a registration fee of ten dollars, to be credited on the first semester's bill, is required in all cases. This fee is due as soon as admission is assured, and must be paid within fifteen days thereafter, else no place will be kept. Such reservation of places has no reference to quarters in the college dormitories; for those, early application should be made to the Bursar, Mr. Edward M. Coughlin.

1. By the Examinations of the College Entrance Examination Board. Applications for examinations conducted by this Board must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., and must be made upon a blank form

to be obtained from the Secretary of the Board at least three weeks in advance of the examination. The fee is ten dollars for all candidates.

2. By Examination at the College. Entrance examinations will be held in the several department rooms, September 12-17, 1938, as follows:

Monday, Sept. 12	Advanced Algebra, Solid Geometry, Trigonometry, 8:30 to 11:30 a. m.
	Latin, 2 to 5 p. m.
Tuesday, Sept. 13	Algebra, Plane Geometry, 8:30 to 11:30 a. m.
	English, 2 to 5 p. m.
Wednesday, Sept. 14	Greek, 8:30 to 11:30 a. m.
	Modern languages, 8:30 to 11:30 a. m.
	History, 2 to 4 p. m.
Saturday, Sept. 17	Biology, Chemistry, Physics, Physical Geography, 2 to 5 p. m.

Any of these examinations may be taken one year before admission to college.

3. By the Examinations of the Regents of the University of the State of New York. The results of the Regents examinations are accepted for the purposes of admission to college. It is required, however, that the marks average at least as high as seventy in all the examinations offered; or, if they fail of this average as a whole, those individual subjects may still be credited where the mark is as high as seventy, while further examinations are required in the others.

4. By Certificate From the Principal of the School in Which the Candidate Has Prepared. Such schools must have been approved by the Faculty of the College. Approval is ordinarily given to the schools on the lists of the New England College Entrance Certificate Board and similar accrediting agencies of other sections of the country. Blank certificates are sent by the Registrar to approved schools.

Requirements for Admission

Fifteen units of secondary school subjects are required. A unit in any subject represents a year's study, constituting approximately a quarter of a full year's work. Under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than 120 sixty-minute periods or their equivalent.

REQUIRED

English	3 units	History	1 unit
Algebra	2 units	Foreign Language	5 units
Plane Geometry	1 unit	Elective	3 units
		Total	15 units

ELECTIVE (if not included above)

Elementary German	2 units	Ancient, European, English, American, and Modern History, each	1 unit
Advanced German	1 unit		
Elementary French	2 units		
Advanced French	1 unit	Biology	1 unit
Elementary Spanish	2 units	Chemistry	1 unit
Advanced Spanish	1 unit	Physics	1 unit
Latin	2 to 4 units	Physical Geography	1 unit
Greek	2 or 3 units	Advanced Mathematics	½ to 1½ units
Civics	½ unit		

The Committee on Admissions is authorized by the Faculty to exercise wide discretion in the acceptance of elective units in the cases of applicants of high scholastic record in English, the foreign language or foreign languages offered, mathematics, and history.

A modification of the requirement in the foreign languages effective in 1937 is extended to 1938, as follows:—

Candidates with average school grade not below "B" may be admitted in September, 1938, with three units of a single foreign language—Greek, Latin, French, German, or Spanish —or two units of each of two of those languages, as fulfilling the entrance requirement in foreign languages.

A single elementary year of a language is not counted as fulfilling any unit of the admission requirements. The third

year of foreign language study may, however, be presented as a required or an elective unit; but no further credit is ordinarily given for additional years of foreign language study, except the fourth unit of Latin.

A candidate slightly deficient in a single subject required for admission may be admitted with a condition in that subject. For the removal of the condition the department concerned may fix a program of study, and will set an examination not later than the opening of the second semester. Credit for the removal of admission conditions will not be given for examinations other than those specifically approved in advance by the Faculty. For other ways of removing entrance conditions see the Administrative Rules, pages 7 and 8.

A satisfactory testimonial of conduct and character and a health certificate are required of all candidates for admission.

Definition of Requirements

ENGLISH

English 1-2. Grammar, Composition, and Literature

The requirement in English is designed to develop in the student (1) the ability to read with understanding, (2) knowledge and judgment of literature, and (3) accurate thinking and power in oral and written expression. This training is to be viewed not merely in its bearing upon the student's work in courses in English, but in its relation to his work in all other subjects.

LITERATURE. A fundamental aim in the study of literature is to develop the student's enjoyment of good reading, and his recognition of the varied elements in literature, particularly the artistic, social, and personal. The measure of the student's achievement in literature will be ability to discuss his reading intelligently and with a usable knowledge of elementary critical terms. A satisfactory course should therefore provide a sufficient acquaintance with traditionally great literature and recognized literary types.

COMPOSITION. The test in composition will assume continuous and thorough training in mechanics. This training implies a mastery in practice of the essentials of grammar as an aid to the discussion of phraseology, syntax, and general structure. It implies also habitual correctness in punctuation, spelling, capitalization, and sentence and para-

graph construction. In addition, it assumes a reasonable maturity of vocabulary, and such a command of varied and flexible sentence forms as may be expected from rigorous and systematic training in language as the effective instrument of thought. Such instruction necessitates constant and painstaking practice by the candidate in criticism and revision of his own written work.

1. Books for Reading

Candidates preparing for the examination in English will be expected to have read and discussed at least ten works from the following list, including at least two works by different authors in each of Groups I to IV inclusive.

GROUP I. Drama: Barrie, *The Admirable Crichton;* Galsworthy, *The Silver Box;* Goldsmith, *She Stoops to Conquer;* Shakespeare, *The Merchant of Venice, As You Like It, Julius Caesar;* Shaw, *Caesar and Cleopatra;* Sheridan, *The School for Scandal.*

Group II. Prose Narrative: Bennett, *The Old Wives' Tale;* Cather, *Death Comes for the Archbishop;* Dickens, *A Tale of Two Cities;* George Eliot, *Silas Marner, The Mill on the Floss;* Hardy, *The Mayor of Casterbridge;* Hawthorne, *The House of the Seven Gables; The Old Testament* (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings and Daniel, together with the books of Ruth and Esther); Scott, *Guy Mannering, The Heart of Midlothian;* Stevenson, *Kidnapped;* Wharton, *Ethan Frome.*

GROUP III. Poetry: Chaucer, *Prologue and selections from The Canterbury Tales; The Iliad* or *The Odyssey* in a translation of recognized excellence with the omission, if desired, of Books I-V, XV, and XVI of *The Odyssey,* and Books XI, XII-XV, and XXI of *The Iliad;* Scott, *Marmion* (omitting poetical introductions), or *The Lady of the Lake;* Tennyson, four of the following *Idylls of the King:* The Coming of Arthur, Gareth and Lynette, Launcelot and Elaine, Guinevere, The Passing of Arthur; *Selections from American poetry,* with special attention to Emily Dickinson, Emerson, Holmes, Lanier, Longfellow, Lowell, Poe, Whitman and Whittier; *Selections from English romantic poetry,* with special attention to Burns, Byron, Coleridge, Keats, Shelley, and Wordsworth; *Selections from Victorian poetry,* with special attention to Arnold, Browning, Morris, Swinburne, and Tennyson; *Selections from contemporary poets,* as W. R. and Stephen Benét, Bridges, Brooke, Davies, Frost, Gibson, Hardy, Hodgson, A. E. Housman, Kipling, Lindsay, de la Mare, Masefield, Masters, Edna St. V. Millay, Moody, Noyes, Robinson, Sandburg, Sassoon, and Yeats.

GROUP IV. Essays, Biographies, and Miscellaneous Prose: Addison and Steele, *Essays;* Garland, *A Son of the Middle Border;* Holmes, *The Autocrat of the Breakfast Table;* Irving, *The Sketch Book;* Lamb, *Essays of Elia;* Macaulay, *Life of Johnson;* Parkman, *The Oregon Trail;* Stevenson, *An Inland Voyage* and *Travels with a Donkey;* Thoreau, *Walden; A collection of essays by standard writers,* such as Bacon, Burroughs, Carlyle, DeQuincey, Emerson, Hazlitt, Hearn, Lamb, Lowell, Newman, Ruskin, and Stevenson; *A collection of essays by modern writers,* such as Beebe, Beerbohm, Belloc, Bennett, Chesterton, Crothers, Galsworthy, Lucas, Lynd, Montague, Morley, Nevinson, Agnes Repplier, Strunsky, and Tomlinson.

GROUP V. All the works in the list of *Books for Study.*

2. Books for Study

One selection is to be made from each of the four groups. The examination assumes definite and detailed knowledge of the books selected for study.

GROUP I. Shakespearean Drama: *Hamlet; Macbeth.*

GROUP II. Poetry: Milton, *L'Allegro, Il Penseroso, Lycidas, On Shakespeare,* Sonnets (*To the Nightingale, On His Having Arrived at the Age of Twenty-Three, When the Assault was Intended to the City, On the Lord General Fairfax at the Siege of Colchester, To the Lord General Cromwell—May 1652, On the Late Massacre in Piedmont, On His Blindness, To Cyriack Skinner: "Cyriack this three years' day," On His Deceased Wife*); Wordsworth, *Resolution and Independence, Michael,* "Strange fits of passion have I known," "She dwelt among the untrodden ways," "I travelled among unknown men," "Three years she grew in sun and shower," "A slumber did my spirit seal," "My heart leaps up when I behold," *The Solitary Reaper,* "She was a phantom of delight," "I wandered lonely as a cloud," *To a Skylark* (both poems of this title), *There Was a Boy, Lines Composed above Tintern Abbey, Influence of Natural Objects, Evening Voluntary, Ode to Duty,* Sonnets (*Composed upon Westminster Bridge—September 3, 1802,* "It is a beauteous evening calm and free," "Milton! thou should'st be living at this hour," *Admonition,* "The world is too much with us," *To Sleep, Thought of a Briton on the Subjugation of Switzerland,* "Surprised by joy—impatient as the wind"); Browning, *The Lost Leader, The Laboratory, Up at a Villa—Down in the City, De Gustibus—, My Last Duchess, A Grammarian's Funeral, The Statue and the Bust, Andrea del Sarto, The Bishop Orders His Tomb at Saint Praxed's Church, Prospice, Epilogue to Asolando.*

GROUP III. Essay or Oration: Burke, *Speech on Conciliation with America;* Washington, *Farewell Address;* Webster, *First Bunker Hill Oration;* Lincoln, *Cooper Union Address, Gettysburg Address,* and *Second Inaugural Address;* Arnold, *Sweetness and Light* (from *Culture and Anarchy*) and EITHER *The Study of Poetry* OR the essay on *Wordsworth;* Lowell, *Democracy,* and *On a Certain Condescension in Foreigners.*

GROUP IV. The Novel: Jane Austen, *Pride and Prejudice;* Thackeray, *Henry Esmond;* Hardy, *The Return of the Native;* Galsworthy, *The Forsyte Saga.*

MATHEMATICS

(A) ALGEBRA. This requirement consists of the requirements Mathmatics A1 and Mathematics A2 combined. *Two units.*

(A1) ELEMENTARY: ALGEBRA TO QUADRATICS. The meaning, use, evaluation, and necessary transformations of simple formulas; the graph, and graphical representation in general; negative numbers, their meaning and use; linear equations in one unknown quantity, and simultaneous linear equations involving two unknown quantities; ratio as a case of simple fractions; proportion as a case of an equation between two ratios; variation; exponents and radicals, simple cases; numerical trigonometry; problems. *One unit.*

(A2) INTERMEDIATE QUADRATICS AND BEYOND. Numerical and literal quadratic equations in one unknown quantity; the binominal theorem for positive integral exponents, with applications; arithmetic and geometric series; simultaneous linear equations in three unknown quantities; simultaneous equations, consisting of one quadratic and one linear equation, or of two quadratic equations; exponents and radicals; logarithms, problems. *One unit.*

(B) ADVANCED ALGEBRA. Theory of equations; determinants; complex numbers, numerical and geometric treatment; simultaneous quadratics; mathematical induction; permutations and combinations; probability; partial fractions. *One-half unit.*

(C) PLANE GEOMETRY. The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; original exercises, including loci problems; numerical applications to the mensuration of lines and plane surfaces. *One unit.*

(D) SOLID GEOMETRY. The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the prop-

erties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; original exercises, including loci problems; applications to the mensuration of surfaces and solids. *One-half unit.*

(E) TRIGONOMETRY. Definitions and relations of the six trigonometric functions as ratios; functions of angles of zero, thirty, forty-five, sixty, ninety degrees, and of angles differing from these by multiples of ninety degrees; circular measure of angles; proofs of the fundamental formulas, and of simple identities derived from them; solution of trigonometric equations; theory and use of logarithms, without the introduction of work involving infinite series; use of trigonometric tables, with interpolation; derivation of the formulas used in the solution of triangles; solution of right and oblique triangles, both with and without logarithms. *One-half unit.*

HISTORY

Ancient History, European History, English History, Modern History, and American History may each be offered as one unit for entrance. An accurate textbook of about 500 pages should be covered, and supplemented by suitable parallel readings of about 1,000 pages. Attention should be paid to historical geography. The examination will call for comparison of historical characters, periods, and events, and for the exercise of judgment as well as of memory.

LATIN

The requirement for admission by examination is that of the College Entrance Examination Board, as stated below. The statement also indicates the preparation recommended for a candidate who presents a principal's certificate for admission. The requirement in a modified form is incorporated in the Syllabus of the New York State Department of Education, whose credentials are accepted. For a candidate who offers but three units of Latin, requirement I, 2, or I, 3, below, is omitted; for one who offers only two units, I, 2, and I, 3, below, are both omitted.

I. Amount and Range of Reading Recommended

There are no prescribed readings in Latin; but recommendations are made as follows:

(1) In the second year the early reading should be easy Latin which may be "made" or adapted Latin; not less than one semester of this year should be devoted to the reading of selections from Caesar. The year's work may also include easy selections from such authors as

Aulus Gellius, Eutropius, Nepos, Phaedrus, Quintus Curtius Rufus, and Valerius Maximus.

(2) In the third year, if the reading be in prose, not less than one semester should be devoted to Cicero; the year's work may also include selections from such authors as Pliny, Sallust, and Livy.

(3) In the fourth year, if the reading be in poetry, not less than one semester should be devoted to Vergil; and the year's work may also include selections from Ovid or other Latin poets.

II. Description of the Examination

The examination will be adapted to the proficiency of those who have studied Latin in a systematic school course of five lessons each week extending through two, three, or four years. The paper will include: (1) passages of Latin prose and verse for translation, of varying degrees of difficulty; (2) English passages for translation into Latin, for candidates presenting two or three years of Latin. Candidates presenting four years of Latin at one time are also required to take this part of the examination; (3) questions on forms, syntax, and idioms in connection with the different passages set for translation, as well as questions, historical and literary, on the subject matter.

Greek

The requirement is substantially as defined by the New York State Department of Education in its Syllabus, and by the College Entrance Examination Board.

(1) Greek Grammar; Xenophon's *Anabasis,* Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of simple sentences based upon Books 1-2 of the *Anabasis,* in order to test the candidate's knowledge of forms and important principles of syntax. *Two units.*

(2) Homer's *Iliad,* Books 1-3 (omitting the catalogue of the ships), or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. *One unit.*

Modern Languages

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Department of Education are based.

A fluent reading knowledge of the language studied should be the immediate objective. Constant drill on pronunciation, oral and written drill on the forms of grammar, syntax, vocabulary, and idiom are of

vital importance in the acquisition of a satisfactory reading knowledge and form at the same time the best basis for further progress in speaking and writing the language. The examination may include a test in pronunciation and ability to understand the spoken language. Schools certifying a candidate for admission should state whether he has received this training.

French

(A) Elementary French. The work of the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions, and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversation and writing of French from dictation. The work of the second year should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice in translating into French variations on the texts read; (3) frequent abstracts, oral and written, of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. *Two units.*

(B) Advanced French. A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. *One unit.*

GERMAN

(A) ELEMENTARY GERMAN. The work of the first year should comprise: (1) careful drill upon pronunciation; (2) drill upon the rudiments of grammar with simple conversational exercises and easy reading material as a basis; the inflection of the articles, common nouns and adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (3) the reading of from 75 to 100 pages of graduated texts from a reader; (4) abundant easy oral and written exercises designed to fix the forms and principles of grammar and to cultivate readiness in the use of the natural forms of expression. The work of the second year should comprise: (1) the reading of about 200 pages of easy narrative or drama with abundant oral and written reproduction of the content; (2) constant drill on pronunciation, and the rudiments of grammar, with the use of a set of graded sentences for translation. *Two units.*

(B) ADVANCED GERMAN. In addition to the elementary course, the work should comprise: (1) the reading of from 400 to 500 pages of standard prose and poetry; (2) the continuation of oral and written reproduction of texts read, drill on pronunciation, grammar, and composition. In composition the emphasis should be upon speed and accuracy rather than upon the translation of difficult and unusual forms. Reading texts should be chosen for their literary and cultural value; the best books are not usually the most difficult. *One unit.*

SPANISH

(A) ELEMENTARY SPANISH. The two years' work should comprise the following: careful drill in pronunciation; a complete study of some good grammar; mastery of all but the rare irregular verbs; the inflection of nouns, adjectives, and pronouns; the elements of syntax; the reading of at least 300 pages of modern Spanish; exercises containing illustrations of the principles of grammar, and practice in translating into Spanish variations of texts read; writing Spanish from dictation. *Two units.*

(B) ADVANCED SPANISH. The work of a third year should comprise: the reading of 300 to 400 pages of Spanish of ordinary difficulty; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of portions of the matter read; the study of grammar; the use of a composition book; writing from dictation. *One unit.*

Biology

The requirement of one unit may be satisfied by presenting any one of the following subjects:

(A) General Biology. The activities of living things should be the central idea. The work should include a study of the functions of representative plants and animals, and their relation to each other and to their environment. These studies should be bound together by a knowledge of the common laws of living organisms. *One unit.*

(B) Botany. A study of examples of the great groups of plants should include the general laws of plant physiology, the fundamental facts of plant structure, and the relation of plants to animals and to man. *One unit.*

(C) Zoology. Representative common animals should be studied in field and laboratory that a knowledge of their habits and structure and of their structural and economic relation to man may be obtained. The relationship of plants to animals should also be considered. *One unit.*

As an essential part of any of these methods of meeting the requirement, a certified notebook with drawings and description of work done should be presented with the certificate, or at the time of examination. A more detailed account of the requirement may be found in the Syllabus of the New York State Department of Education or in the publications of the College Entrance Examination Board.

Chemistry

The requirement is substantially that specified in the Syllabus of the New York State Department of Education. Not less than one-half of the course should be individual laboratory work devoted to the preparation and study of the common elements and compounds and to experiments illustrating important laws. The course should also include lecture-table demonstrations and the study of some good elementary textbook, with recitations covering the fundamental laws and theories of chemical combination, and the preparation, properties, and uses of the more important metallic and non-metallic elements, and their compounds. *One unit.*

Physics

A detailed statement of the requirements may be found in the Syllabus of the New York State Department of Education or in the publications of the College Entrance Examination Board. Preparation should include a knowledge of the general laws and principles of physics as presented in a textbook, together with at least thirty experi-

ments selected from a list similar to that given in the Syllabus. The candidate taking the examination here should present his notebook, with certification by his instructor that the experiments were satisfactory to him and were performed by the student himself. One who does not offer a notebook may meet the requirement by showing ability to solve more difficult problems in theoretical physics. *One unit.*

Admission to Advanced Standing

An undergraduate who comes from an approved institution of collegiate rank and presents an official statement of honorable dismissal and of his previous work may receive credit for such work without examination. This statement must include a full list of his accepted preparatory subjects, and a list of his college courses with his record therein. Such admission by transfer is ordinarily granted only when the applicant has maintained a standing in the upper half of his class.

To compete for honors or prizes based in any way on college work done previous to entrance here, an undergraduate may be required to pass examinations covering such work.

Entrance Prizes and Scholarships

Prizes and prize scholarships are awarded on the basis of the September examinations as follows:

(1) The Maynard Prize of $100.

(2) The Brockway Prize of $25.

(3) The five Fayerweather Prize Scholarships, yielding $100 each for freshman year.

(4) The Vrooman Prize Scholarship of $40.

There are numerous non-competitive scholarships which are available for freshmen. A statement of the conditions under which these scholarships are awarded is to be found under the heading "Scholarships."

Registration

All undergraduates are required to register at the President's Office on the Tuesday or Wednesday before the opening of the first semester. At this time all freshmen make their election of courses for the year, according to the regulations

on pages 33 and 34. For this purpose the Committee on Schedule and Studies will be in session at hours to be bulletined. All new undergraduates meet the Dean in the Chapel at 5 o'clock on the last day of this registration.

The selection of courses for the next college year is made not later than an appointed date in May by all except those seniors who are expected to be graduated at the end of the college year.

A fee of $2 (increased by $1 for every day after the first) is charged for unexcused delay in either of these cases.

The payment of a special registration fee of $25, which will be credited on the first semester's bill, is required not later than August 1 of all undergraduates who are returning to College in September. This fee may be returned if sufficient reason for change of plans is presented to the Bursar not later than September 1.

A registration fee of $10 is demanded of all candidates for admission at the time their entrance is assured. See page 17.

The resources of the College are limited and the applicants for admission more numerous than the College can accommodate; accordingly, only those who maintain satisfactory standards of intellectual achievement and of conduct will be permitted to retain the privilege of membership in the undergraduate body.

CURRICULUM AND GRADUATION

The curriculum provides courses leading at graduation to two degrees, Bachelor of Arts (A.B.) and Bachelor of Science (B.S.). At admission the undergraduate may register for either degree as he chooses. The curriculum in either case calls for four years of work, but it is possible for students of high standing to shorten the time of residence by taking extra courses.

The following statements apply to candidates for both degrees except where otherwise indicated:

1. The requirement for graduation demands the completion of 134 semester hours of required and of properly chosen elective courses (133 beginning with the Class of 1939). (For undergraduates who complete the requisite elective courses in less than four years, certain required hours are omitted; see page 35.) A semester hour represents one hour of classroom work (or from two to four hours of laboratory work) per week through half of the college year. Normally an undergraduate takes in each semester in freshman year 16 semester hours, in sophomore year 17½, in junior year 17, and in senior year 16. No undergraduate is allowed to take more than 21 or less than 13 hours in any semester without special permission of the Faculty; but any deviation from the normal number is subject to the approval of the Committee on Schedule and Studies.

2. The requirement for graduation also demands the completion of two majors. Each major consists of not less than three year-courses in one of the following departments: Greek, Latin, German, Romance Languages, English Literature, Philosophy, Ethics and Religion, History, Political Science, Economics, Music, Mathematics, Biology, Chemistry, Physics, Geology. The following courses, however, may not be counted as contributing toward a major: Greek 1-2, German 1-2, French 1-2, Spanish 1-2, Italian 1-2, Mathematics 1-2. In some cases a single major in one department, with related

courses in other departments, may replace the two majors mentioned above; but such program is subject to the approval of the departments concerned and the Faculty. The courses chosen for the majors must be approved in all cases by the Committee on Schedule and Studies.

3. At least six semester hours in one of the natural sciences must be taken in college.

4. Either French 3-4 or German 3-4, or a more advanced course in one of these languages, must be completed for graduation. The better graduate schools require a reading knowledge of both French and German of all candidates for the doctor's degree.

5. Candidates for the A.B. degree must take one ancient and one modern language in freshman year.

6. Candidates for the B.S. degree must take two modern languages in freshman year.

7. An undergraduate who, after completing courses leading toward one of the degrees, desires to become a candidate for the other degree, may do so with the approval of the Committee on Schedule and Studies. Any hitherto unsatisfied requirement for the degree sought must be met before the change becomes effective.

8. All courses are arranged as year-courses and are to be taken accordingly. In the notation used, an odd numeral refers to the first semester portion of the course and an even numeral to the second semester portion.

9. An undergraduate who desires to receive credit for work in a summer school must apply to the Faculty in advance for approval of his plans.

10. All grades are based on a scale of 100. A grade of 90 or over is rated high honor; 85-89, honor; 80-84, credit. The passing mark is 60; but an undergraduate, in order to qualify for graduation, must have completed with grades as high as 70 not less than 54 hours subsequent to freshman year. Begin-

ning with the Class of 1939, not less than 45 semester hours in regular three-hour courses subsequent to freshman year must be completed with grades as high as 70.

Descriptions of the courses are to be found under the heading "Departments of Instruction."

For convenience, letters of the alphabet are used to designate the hours of recitations, each letter representing three hours a week according to the following schedule:

a: 8:30 on Monday, Wednesday, and Friday.
b: 9:30 on Monday, Wednesday, and Friday.
c: 10:30 on Monday, Wednesday, and Friday.
d: 11:30 on Monday, Wednesday, and Friday.
e: 8:30 on Tuesday, Thursday, and Saturday.
f: 9:30 on Tuesday, Thursday, and Saturday.
g: 10:30 on Tuesday, Thursday, and Saturday.
h: 11:30 on Tuesday, Thursday, and Saturday.
i: 2:30 on Monday, Wednesday, and Thursday.
k: 3:30 on Monday and Thursday, 1:30 on Tuesday.
l: 1:30 on Monday, Wednesday, and Friday.
n: 2:30 on Tuesday and Friday, 1:30 on Thursday.
o: 3:30 on Tuesday, Wednesday, and Friday.

Courses of Freshman Year

Required of All Freshmen

Mathematics 1-2 ..... 3 hours
English Composition 1-2 ..... 3 hours
Public Speaking 1-2 ..... 1 hour
A foreign language ..... 3 hours
A second foreign language ..... 3 hours
An elective ..... 3 hours
Hygiene and Physical Education
Total ..... 16 hours

Foreign Language Courses Open to Freshmen

Greek 5-6 (prerequisite, 3 units of entrance Greek).
Greek 3-4 (prerequisite, 2 units of entrance Greek).
Greek 1-2 (beginners' course).
Latin 1-2 (prerequisite, 3 or 4 units of entrance Latin. No Latin course is open to students who present only 2 units of that lan-

guage for entrance; but such undergraduates may qualify for the degree of Bachelor of Arts by taking in college Greek 1-2 and Greek 3-4 instead of Latin).

German 3-4 (prerequisite, 2 or 3 units of entrance German).

German 1-2 (beginners' course).

French 3-4 (prerequisite, 2 or 3 units of entrance French).

French 1-2 (beginners' course).

Spanish 3-4 (prerequisite, 2 or 3 units of entrance Spanish).

ELECTIVE COURSES OPEN TO FRESHMEN

A third foreign language
History 1-2
Political Science 1-2
Biology 1-2
Chemistry 1-2
Music 3-4 (as an extra course, 1½ hours)

For their foreign language courses in the freshman year, candidates for the degree of Bachelor of Arts take a modern language and either Greek or Latin; candidates for the degree of Bachelor of Science take two modern languages; and in either case a third foreign language may be taken as an elective if the candidate so desires.

An undergraduate who takes the beginners' course in Greek, German, or French in freshman year must take the second course in that language in sophomore year.

An undergraduate who receives credit for four and one-half units of mathematics at admission will ordinarily take Mathematics 3-4 instead of Mathematics 1-2 in freshman year.

Exceptionally well prepared freshmen, with a distinguished record for scholarship, may be permitted, after consultation with and by permission of the Committee on Schedule and Studies, to take for their freshman elective course any one of the beginning courses open to sophomores. These courses are Italian 1-2, English Literature 1-2, Philosophy 1-2, Economics 1-2, Music 7-8 (with the consent of the Professor of Music), Physics 1-2, and Geology 1-2.

Aulus Gellius, Eutropius, Nepos, Phaedrus, Quintus Curtius Rufus, and Valerius Maximus.

(2) In the third year, if the reading be in prose, not less than one semester should be devoted to Cicero; the year's work may also include selections from such authors as Pliny, Sallust, and Livy.

(3) In the fourth year, if the reading be in poetry, not less than one semester should be devoted to Vergil; and the year's work may also include selections from Ovid or other Latin poets.

II. Description of the Examination

The examination will be adapted to the proficiency of those who have studied Latin in a systematic school course of five lessons each week extending through two, three, or four years. The paper will include: (1) passages of Latin prose and verse for translation, of varying degrees of difficulty; (2) English passages for translation into Latin, for candidates presenting two or three years of Latin. Candidates presenting four years of Latin at one time are also required to take this part of the examination; (3) questions on forms, syntax, and idioms in connection with the different passages set for translation, as well as questions, historical and literary, on the subject matter.

Greek

The requirement is substantially as defined by the New York State Department of Education in its Syllabus, and by the College Entrance Examination Board.

(1) Greek Grammar; Xenophon's *Anabasis,* Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of simple sentences based upon Books 1-2 of the *Anabasis,* in order to test the candidate's knowledge of forms and important principles of syntax. *Two units.*

(2) Homer's *Iliad,* Books 1-3 (omitting the catalogue of the ships), or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. *One unit.*

Modern Languages

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Department of Education are based.

A fluent reading knowledge of the language studied should be the immediate objective. Constant drill on pronunciation, oral and written drill on the forms of grammar, syntax, vocabulary, and idiom are of

vital importance in the acquisition of a satisfactory reading knowledge and form at the same time the best basis for further progress in speaking and writing the language. The examination may include a test in pronunciation and ability to understand the spoken language. Schools certifying a candidate for admission should state whether he has received this training.

FRENCH

(A) ELEMENTARY FRENCH. The work of the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions, and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversation and writing of French from dictation. The work of the second year should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice in translating into French variations on the texts read; (3) frequent abstracts, oral and written, of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. *Two units.*

(B) ADVANCED FRENCH. A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. *One unit.*

Courses of Sophomore, Junior, and Senior Years

Required Courses

In sophomore year five semester hours, in junior year four, and in senior year two semester hours of work in the Departments of Public Speaking and English Composition are required of all undergraduates. But those who otherwise qualify for graduation in less than four years are excused from that part of this work which extends beyond their period of residence.

Elective Courses

Except for the required work as above described, all courses of sophomore, junior, and senior years are elective. The choice of courses is made under a group system, the departments of study being arranged in three groups, as follows:

Group A. Foreign Languages.

Group B. English Composition, Public Speaking, English Literature, Philosophy, Ethics and Religion, History, Political Science, Economics, Art, Music.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

1. It is recommended that each undergraduate, before submitting his elective card, consult some professor in the department of one of his major subjects.

2. All courses are continuous through the year and must be elected accordingly.

3. Courses for the next year are chosen at the end of freshman, sophomore, and junior years respectively.

4. A foreign language begun in freshman year must be continued through sophomore year.

5. In sophomore year an undergraduate must take at least one course from each group, and in junior and senior years at least one course from each of two groups.

6. The elective courses must be so chosen as to comply with the requirements in paragraphs 1 to 6 on pages 31 and 32.

7. After freshman year an undergraduate may take any elective course offered to his own or to a lower class if he has satisfied its prerequisites.

8. The choice of courses for the year must be made not later than an appointed day in May. This choice may not be changed except by permission of the Committee on Schedule and Studies, and on payment of a fee of two dollars. Changes are not permitted after the first week of the semester. All elective cards must conform to the regulations given above, and all courses must be numbered and indicated as in the Summary of Elective Courses.

The Honor System

The examinations of the College are conducted under the Honor System, without proctors. Each undergraduate is on his honor to abstain from dishonesty, whether in giving or in receiving aid. The administration of the system is in the hands of the Honor Court, composed of representatives of the four classes, which investigates all cases brought to its attention and makes recommendations to the Faculty. Its recommendations are ordinarily approved.

Courses of Sophomore, Junior, and Senior Years

Required Courses

In sophomore year five semester hours, in junior year four, and in senior year two semester hours of work in the Departments of Public Speaking and English Composition are required of all undergraduates. But those who otherwise qualify for graduation in less than four years are excused from that part of this work which extends beyond their period of residence.

Elective Courses

Except for the required work as above described, all courses of sophomore, junior, and senior years are elective. The choice of courses is made under a group system, the departments of study being arranged in three groups, as follows:

Group A. Foreign Languages.

Group B. English Composition, Public Speaking, English Literature, Philosophy, Ethics and Religion, History, Political Science, Economics, Art, Music.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

1. It is recommended that each undergraduate, before submitting his elective card, consult some professor in the department of one of his major subjects.

2. All courses are continuous through the year and must be elected accordingly.

3. Courses for the next year are chosen at the end of freshman, sophomore, and junior years respectively.

4. A foreign language begun in freshman year must be continued through sophomore year.

5. In sophomore year an undergraduate must take at least one course from each group, and in junior and senior years at least one course from each of two groups.

6. The elective courses must be so chosen as to comply with the requirements in paragraphs 1 to 6 on pages 31 and 32.

7. After freshman year an undergraduate may take any elective course offered to his own or to a lower class if he has satisfied its prerequisites.

8. The choice of courses for the year must be made not later than an appointed day in May. This choice may not be changed except by permission of the Committee on Schedule and Studies, and on payment of a fee of two dollars. Changes are not permitted after the first week of the semester. All elective cards must conform to the regulations given above, and all courses must be numbered and indicated as in the Summary of Elective Courses.

The Honor System

The examinations of the College are conducted under the Honor System, without proctors. Each undergraduate is on his honor to abstain from dishonesty, whether in giving or in receiving aid. The administration of the system is in the hands of the Honor Court, composed of representatives of the four classes, which investigates all cases brought to its attention and makes recommendations to the Faculty. Its recommendations are ordinarily approved.

DEPARTMENTS OF INSTRUCTION

All courses are continuous through the year and are assigned three hours a week, except as otherwise stated. An odd number refers to the first semester portion of a course; an even number, to the second semester portion. An undergraduate may take any elective course offered to his own or to a lower class if he has satisfied its prerequisites. Exceptionally well prepared freshmen, with a distinguished record for scholarship, may be permitted, after consultation with and by permission of the Committee on Schedule and Studies, to take any one of the beginning courses open to sophomores for their freshman elective course.

Group A

Credit may not be retained for the first semester alone of any elementary language course taken in college.

GREEK

PROFESSOR DURHAM AND ASSISTANT PROFESSOR MATTINGLY

1-2. ELEMENTARY GREEK. Ball's *Elements of Greek.* Exercises in writing Greek continue throughout the year. *Open to freshmen who enter without Greek.* PROFESSOR DURHAM.

3-4. HOMER. First semester: selections from the *Iliad;* Homeric forms, constructions, and prosody. Second semester: selections from the *Odyssey,* with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 1-2, or two units of entrance Greek. Required of sophomores who have taken 1-2 as freshmen.* PROFESSOR DURHAM.

5-6. PLATO. THEOCRITUS. First semester: the *Apology, Crito,* and portions of the *Phaedo.* A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. Second semester: lyric poetry; the *Idylls* of Theocritus, illustrated by parallel passages from the other Alexandrian poets. *Prerequisite, 3-4, or three units of entrance Greek.*

ASSISTANT PROFESSOR MATTINGLY; PROFESSOR DURHAM.

7-8. GREEK DRAMA. Careful interpretation of a tragedy of Aeschylus, Sophocles or Euripides, followed by rapid reading of other tragedies. Aristophanes is studied in similar manner. The year's work

includes a survey of Greek poetry from Homer to the drama. *Prerequisite, 5-6.* PROFESSOR DURHAM.

9-10. PROSE WRITERS. Herodotus, Selections. Thucydides, Books 2 and 3. The sources of Greek history. Demosthenes' *De corona.* Plutarch's *Life of Demosthenes. The New Testament*: selection from *The Acts. Prerequisite, 7-8.*

PROFESSOR DURHAM; ASSISTANT PROFESSOR MATTINGLY.

11-12. SURVEY OF GREEK LITERATURE. Wide reading of prose and poetry, accompanied by the study of Greek history and of the history of Greek literature. Some work will be done also in epigraphy, palaeography, papyrology, and archaeology. *Prerequisite, 9-10.* (Not offered in 1937-38.) PROFESSOR DURHAM.

In connection with Greek 3-4, illustrated lectures are given on the Cretan-Mycenean civilization. For other work on Greek art, see Art 1-2.

LATIN

PROFESSOR CHASE AND ASSISTANT PROFESSOR MATTINGLY

1-2. SURVEY COURSE IN ROMAN LITERATURE AND CIVILIZATION. First semester: readings from the fragments of early Latin prose and poetry, selections from the comedies of Plautus and Terence and the historical writings of Sallust and Livy, etc. Second semester: readings from Lucretius, Catullus, the major poets of the Augustan Age and from the writers of the Silver Age, with discussion of the important later literary trends. Informal lectures throughout the year on the social and historical background of Roman literature, with assigned supplementary reading. *Open to freshmen who enter with three or four units of Latin.*

PROFESSOR CHASE AND ASSISTANT PROFESSOR MATTINGLY.

3-4. CATULLUS, CICERO, TACITUS, AND PLINY. First semester: all of Catullus and selected letters of Cicero, with a study of the political and social history of the period. Second semester: the *Agricola* and *Germania* of Tacitus and selected letters of *Pliny*, with a study of the literature and society of the Silver Age. *Prerequisite, 1-2.*

PROFESSOR CHASE; ASSISTANT PROFESSOR MATTINGLY.

5-6. ROMAN DRAMA AND SATIRE. First semester: Plautus and Terence, several plays of each being read; Seneca. Second semester: after a brief introduction to early satire, attention is devoted mainly to Horace and Juvenal. *Prerequisite, 3-4.*

PROFESSOR CHASE; ASSISTANT PROFESSOR MATTINGLY.

7-8. HISTORY OF LATIN LITERATURE. This course consists primarily

of extended readings from Latin authors of all periods, with lectures and the reading of modern authorities. In the second semester certain problems connected with the language as well as the literature are considered, with brief attention to epigraphy and palaeography. *Prerequisite, 5-6.* PROFESSOR CHASE.

GERMAN

PROFESSOR HAUCH AND DR. LIEDKE

1-2. ELEMENTARY GERMAN. Thorough grounding in pronunciation, grammatical forms, and syntax; constant oral and written drill as a necessary basis for the attainment of a fluent reading knowledge of the language. *Open to freshmen.* PROFESSOR HAUCH AND DR. LIEDKE.

3-4. INTERMEDIATE GERMAN. Review of grammar and syntax; oral and written drill on vocabulary and idioms; reading of modern short stories, novels, plays, and historical prose. (B) In the second semester provision is made for the reading of scientific German in one of the groups. *Prerequisite, 1-2, or 2 or 3 units of entrance German. Required of sophomores who have taken 1-2 as freshmen.*

PROFESSOR HAUCH AND DR. LIEDKE.

5-6. GERMAN DRAMA. Lessing, Goethe, Schiller, nineteenth century and contemporary drama. *Prerequisite, 3-4.*

PROFESSOR HAUCH AND DR. LIEDKE.

7-8. THE AGE OF GOETHE. Historical survey of the major political, intellectual, and social forces of eighteenth century Germany; lectures, discussions, and essays; required readings from the literature of the period reflecting these forces. The life and works of Goethe. *Faust I and II;* critical study and interpretation of the text. *Open to juniors. Prerequisite, 3-4. Alternates with 9-10.* PROFESSOR HAUCH.

9-10. GERMAN CIVILIZATION. Survey of the history of the German language, the German people, and German literature in connection with its political, social, and philosophical background; required readings from the sources; lectures, discussions, and essays. *Open to juniors. Prerequisite, 3-4. Alternates with 7-8.* (Not offered in 1937-38.)

PROFESSOR HAUCH.

ROMANCE LANGUAGES

French

PROFESSOR SHEPARD, ASSOCIATE PROFESSOR SUPER, ASSISTANT PROFESSOR GORDON, AND MR. HOWLAND

1-2. ELEMENTARY FRENCH. Grammar, including careful drill in pro-

nunciation, easy reading, composition, conversation, and dictation. The oral method is used extensively and as early as possible. *Open to freshmen. Those who take this course are required to continue with 3-4. No credit is given for 1-2 separately except by special permission of the head of the department.* ASSISTANT PROFESSOR GORDON.

3-4. INTERMEDIATE FRENCH. MODERN DRAMA. First semester: reading of modern prose fiction in the form of the short story. Advanced composition. Continued practice in dictation and conversation, based on the texts read. Second semester: rapid reading of selected plays; writing of abstracts, and conversation based on the texts read. Special attention is paid to pronunciation and to reading without translating. *Prerequisite, 1-2, or 2 or 3 units of entrance French. Required of all undergraduates who have taken 1-2, unless excused by the head of the department.* ASSOCIATE PROFESSOR SUPER, ASSISTANT PROFESSOR GORDON, AND MR. HOWLAND.

5-6. CONVERSATIONAL SURVEY OF FRENCH LITERATURE. This course is conducted entirely in French, and is designed to give not only an acquaintance with the chief features of French literature from 842 to the present, but also practice in hearing and using the language itself. *Prerequisite, 3-4, or, by permission of the head of the department, four units of entrance French. Limited to 20 undergraduates.* (Not offered in 1937-38.)

7-8. THE FRENCH DRAMA. A year's study of the development and history of the theatre in France, from Corneille to the present day. The first semester is devoted to tragedy, the second to comedy. Reading in class of selected plays from all the important dramatists, many others being assigned for outside reading and report in French. Lectures in French on the history of the drama. *Prerequisite, 3-4, or, by permission of the head of the department, four units of entrance French.* PROFESSOR SHEPARD.

9-10. FRENCH PROSE FICTION. A year's study of the development of the novel in France, from d'Urfé to the present day. Selected novels are assigned to all members of the course for report and criticism, these papers being read and discussed in the classroom. This course is conducted wholly in French. *Prerequisite, 7-8, or, with the consent of the instructor, 5-6. Alternates with 11-12.* PROFESSOR SHEPARD.

11-12. FRENCH POETRY. A year's study of the history of French lyric and narrative verse, from Villon to the present. Extensive read-

ings from the chief poets, with critical studies and reports. Principles of French prosody. This course is conducted wholly in French. *Prerequisite, 7-8, or, with the consent of the instructor, 5-6. Alternates with 9-10.* (Not offered in 1937-38.) PROFESSOR SHEPARD.

13-14. ROMANCE PHILOLOGY AND MEDIEVAL LITERATURE. Introduction to the comparative and historical grammar of the Romance languages, with special attention to Old French and Provençal. Reading of selected texts, with study of the lyric and narrative poetry of the Middle Ages. In the case of exceptionally well prepared students, who are planning to take graduate work, a further course in palaeography and textual criticism will be given. *Prerequisites, French 7-8, or, with the consent of the instructor, 5-6; and Latin 1-2.* (Not given in 1937-38.)

PROFESSOR SHEPARD.

Spanish

ASSOCIATE PROFESSOR SUPER

1-2. ELEMENTARY SPANISH. Pronunciation, inflection, the laws of syntax and their application. Translation of simple prose; writing from dictation; oral and written exercises in composition. *Open to juniors.*

3-4. ADVANCED GRAMMAR AND MODERN PROSE. Continued practice in composition, dictation, and oral drill. Translation and sight reading, with constant reference to morphology and idiom in connection with the text. Representative works of such authors as Cervantes, Alarcón, Galdós, Valera, Valdés. *Prerequisite, 1-2, or 2 or 3 units of entrance Spanish.*

Italian

ASSISTANT PROFESSOR GORDON

1-2. MODERN ITALIAN. First semester: study of Grandgent-Wilkins' *Italian Grammar,* including careful drill in Tuscan pronunciation; the reading of modern prose fiction in the form of the *novella,* taken up by authors chronologically in order to trace the development of the successive literary schools from *verismo* to *umorismo.* Some attention is given to comparative philology. Second semester: further reading of *novelle* with special attention to reading without translating; the reading of an anthology of modern Italian poetry as an introduction to the language of poetry and to prosody, and as a preparation for the reading of the older Italian poets. *Open to sophomores.*

3-4. SURVEY OF ITALIAN LITERATURE. A rapid survey of the Old Provençal lyric poetry as a background for the reading of Dante's *Vita*

Nuova. The *Vita Nuova* and selected cantos from the *Divina Commedia;* selected lyrics from Petrarca's *Canzoniere;* selected *novelle* from Boccaccio's *Decamerone.* Outlines of the history of Italian fiction from the thirteenth century to the present day. *Prerequisite, 1-2.*

Group B

English Composition

Professor Fancher, Associate Professor Nesbitt, Assistant Professor Mineka, and Messrs. Johnston and Sloane

1-2. Freshman English Composition. The principles of English composition and the practice of writing. Themes and conferences; readings in contemporary prose and in selected masterpieces of narrative literature. Instruction in writing is largely individual. *Required of all freshmen.*

Associate Professor Nesbitt and Messrs. Johnston and Sloane.

5-6. Junior English Composition. Advanced study and practice for those looking forward to journalism, authorship, or English teaching. *Open to juniors who have attained a grade of credit in 2.*

Assistant Professor Mineka.

7-8. Senior English Composition. The study and practice of the various forms of writing. *Open to seniors who have attained a grade of credit in 5-6.* Professor Fancher.

Public Speaking

Professor Marsh, Assistant Professor Mineka, and Mr. Miner

All courses for freshmen and sophomores are required. Juniors must elect at least two of the courses in Public Speaking offered to their class, and seniors must elect one of the senior courses. All are one-hour courses unless otherwise stated.

1-2. Freshman Declamation. The elements of public speaking. Each freshmen appears three times during the year with a prose declamation 350-400 words in length. Three drills are required for each appearance.

Assistant Professor Mineka and Mr. Miner.

3-4. Sophomore Declamation. Each sophomore appears once each semester with a prose declamation 350-400 words in length. Two drills are required for each appearance. The second declamation may be original. *One-half hour a week.*

Professor Marsh, Assistant Professor Mineka, and Mr. Miner.

5. Sophomore Speech Composition. Study and practice in gathering materials for speeches, and in outlining and organizing different types of speeches, with emphasis on securing audience motivation. The course will combine both oral and written work. *Two hours a week, either semester.* Assistant Professor Mineka and Mr. Miner.

6. Sophomore Debate. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice. Classroom debates. *Two hours a week, either semester.*
Assistant Professor Mineka and Mr. Miner.

13-14. Junior Discussion. Original argumentative speeches, affirmative or negative, which lay stress on persuasion, 700-900 words in length. Each man who elects this course speaks twice each semester. Drills optional. *Prerequisites, 3-4 and 8.* Professor Marsh.

15-16. Junior Debate. Advanced classroom debates. Each man who elects this course debates twice each semester. Conferences required for all debates. *Prerequisites, 3-4 and 8.* Professor Marsh.

17-18. Junior Extemporaneous Speaking. The purpose of the course is to give every man an opportunity to appear frequently before his sectional group, and to offer training in standard forms, such as speaking to entertain, to inform, to convince, and to persuade. Topics are approved and outlines submitted well in advance of the date when speeches are given. A textbook is used. Professor Marsh.

19-20. Senior Orations. Each man appears twice each semester with an original oration on an approved subject, 900-1100 words in length. No drills required. Professor Marsh.

21-22. Senior Debate. Advanced classroom debates.
Assistant Professor Mineka.

23-24. Senior Extemporaneous Speaking. On the same general plan as 17-18. Professor Marsh.

English Literature

Professors Ristine and Rudd, Associate Professor Nesbitt, and Mr. Sloane

1-2. General Introduction to English Literature. A rapid survey of English literary history from the beginnings, accompanied by classroom study of the greater English poets, especially Spenser, Shake-

speare, Milton, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning. Lectures and recitations. *Open to sophomores.* PROFESSOR RUDD, ASSOCIATE PROFESSOR NESBITT, AND MR. SLOANE.

3-4. SEVENTEENTH CENTURY LITERATURE. The later Elizabethan drama; the seventeenth century lyric, with special emphasis on Donne and the metaphysical poets; Bacon, Burton, and Browne; the poetry and prose of Milton. The Restoration Period; John Dryden; the dramatists, diarists, and memoir writers. *Prerequisite, 1-2. Alternates with 5-6.* PROFESSOR RUDD.

5-6. EIGHTEENTH CENTURY LITERATURE. The Augustan writers of the Age of Pope, with special attention to the development of modern prose style, the rise of the periodical essay, the pamphlet, and the polite epistle. The eighteenth century novel. Dr. Samuel Johnson. The beginnings of Romanticism, as seen especially in the poetry of the century. *Prerequisite, 1-2. Alternates with 3-4.* (Not offered in 1937-38.) PROFESSOR RUDD.

7-8. THE ROMANTIC MOVEMENT AND VICTORIAN ERA. The growth of Romanticism in England, and its influence on imaginative literature and criticism between 1798 and 1832; the thought and literary art of the Victorians, particularly Carlyle, Tennyson, Browning, Arnold, and the Pre-Raphaelites. The development of the periodical and of the novel, with outside readings in Jane Austen, Scott, Dickens, Thackeray, George Eliot, and other novelists as time permits. Term essays required. *Prerequisite, 1-2.* ASSOCIATE PROFESSOR NESBITT.

9-10. AMERICAN LITERATURE; CONTEMPORARY LITERATURE. First semester: the chief American poets and prose writers of the nineteenth century, emphasizing their relation to contemporary English literature and their expression of American national traits and ideals. Second semester: a study of the writers, chiefly British, who have contributed most to the advance of poetry, drama, and the novel, since about 1890. *Prerequisite, 1-2.* PROFESSOR RUDD.

11-12. ANGLO-SAXON; MIDDLE ENGLISH. First semester: an introduction to the language and literature of England before the Norman Conquest. An Anglo-Saxon reader is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. Second semester: Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, the *Troilus and Criseyde,* and some of the minor poems. *Open to juniors.* PROFESSOR RISTINE.

13-14. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Shakespeare is

the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to Shakespeare; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with credit at least one year-course in this department.*

PROFESSOR RISTINE.

PHILOSOPHY

ASSISTANT PROFESSORS BLYTH AND MOORE

1-2. INTRODUCTION TO PHILOSOPHY AND LOGIC. First semester: an introduction to philosophy through a discussion of philosophical problems and a study of certain philosophical classics. Second semester: a study of the fundamental principles of logical reasoning. *Open to sophomores.* ASSISTANT PROFESSOR BLYTH.

3-4. HISTORY OF PHILOSOPHY. A survey of the development of philosophic thought from the early Greeks through the Middle Ages. *Open to juniors. Alternates with 5-6.* ASSISTANT PROFESSOR BLYTH.

5-6. MODERN PHILOSOPHY. A study of the development of modern philosophy and the contributions of outstanding contemporary thinkers. *Prerequisite, 1-2, or 3-4. Alternates with 3-4.* (Not offered in 1937-38.) ASSISTANT PROFESSOR BLYTH.

7-8. PSYCHOLOGY FOR TEACHERS. A careful consideration of the fundamentals of psychology and the relation of psychology to the problems of teaching. *Open to sophomores.* ASSISTANT PROFESSOR BLYTH.

9-10. HISTORY AND PHILOSOPHY OF EDUCATION. Comparative study of educational ideals and institutions, historical and contemporary, considered in relation to their social and cultural philosophy. *Open to approved juniors. Prerequisite, 7-8. Alternates with 11-12.* ASSISTANT PROFESSOR MOORE.

11-12. METHODS OF EDUCATION. A detailed study of secondary school methods, classroom technique, and educational measurement. Observation and practice teaching will be required. *Open to approved juniors. Prerequisite, 7-8. Alternates with 9-10.* (Not offered in 1937-38.) ASSISTANT PROFESSOR BLYTH.

TEACHER'S CERTIFICATE. According to the rules of the New York State Education Department, a graduate of an approved college may

obtain a "Provisional Certificate" valid for ten years provided he has completed 18 hours of course work in Education in addition to a specified minimum number of hours in the subject which he wishes to teach. An undergraduate who desires this Certificate must therefore complete courses 7-8, 9-10, and 11-12. Courses 9-10 and 11-12 may be elected only with the approval of the Department and of the Committee on Schedule and Studies. Approval will be based on the candidate's desire to prepare for teaching, and on his scholastic record in his major courses and in his previous courses in Education.

Ethics and Religion

Assistant Professor Moore

1-2. Introduction to the Bible. The religion and literature of the Bible as illuminated by the historical method. First semester: the literature of the Old Testament as a product of the developing religious experience of the Hebrew people, and in relation to the social and political situation. Second semester: the New Testament; nascent Christianity, its environment and literature. A textbook, the revised version of the Bible, and collateral reading. *Open to juniors.*

3-4. History of Religions. A study of primitive religion and of the leading historical and living religions from the historical standpoint. Emphasis on the significance of religions and on present day aspects. A textbook, collateral reading, and reports. *Open to juniors. Alternates with 5-6.* (Not offered in 1937-38.)

5-6. Contemporary Christianity. First semester: a study of the churches, their organization, rites, activities, and beliefs. Second semester: the ethical teachings of Jesus and of the churches of today. *Open to juniors. Alternates with 3-4.* (Not given in 1937-38.)

7-8. Problems of Ethics. First semester: the field of ethics; ethical theories and the basic ideas involved in moral judgments. Second semester: conceptions of the good life; moral standards and conflicts; methods of solving moral questions; philosophical problems raised by morality. *Open to juniors.*

History

Professors Bonham and Graves

1-2. Medieval and Modern Europe. A general survey in which the leading features of medieval civilization are studied, with the evolution

therefrom of modern nations and their institutions. *Open to freshmen.* PROFESSORS BONHAM AND GRAVES.

3-4. ENGLAND AND THE BRITISH EMPIRE. A detailed study of the rise and development of English institutions, and their spread to other parts of the world. Such items as language, law, parliamentary government, and colonization are emphasized. *Open to sophomores. Prerequisite, 1-2.* PROFESSOR GRAVES.

5-6. EUROPE SINCE 1789. A study of the diplomatic, political, and cultural history of Europe from the French Revolution to the present day. Readings in the standard secondary works and an introduction to some of the primary sources. *Open to juniors. Prerequisite, 1-2. Alternates with 11-12.* PROFESSOR GRAVES.

7-8. THE COLONIZATION OF NORTH AMERICA; DEVELOPMENT OF THE UNITED STATES. The European background; the establishment of European institutions in America; the struggles for independence; the establishment of the Federal government; the evolution of the American nation. *Open to sophomores. Prerequisite, 1-2.* PROFESSOR BONHAM.

9-10. CANADA. First semester: the rise and fall of New France; Canada in the American Revolution. Second semester: the evolution of the Canadian Dominion; its place in world politics. *Open to juniors. Prerequisite, 1-2. Alternates with 13-14.* (Not offered in 1937-38.) PROFESSOR BONHAM.

11-12. EUROPEAN CIVILIZATION FROM THE ELEVENTH TO THE SEVENTEENTH CENTURY. First semester: the society and culture of the later Middle Ages. Second semester: the society and culture of the period usually designated Renaissance and Reformation. *Open to juniors. Prerequisite, 1-2. Alternates with 5-6.* (Not offered in 1937-38.) PROFESSOR GRAVES.

13-14. LATIN AMERICA. First semester: the transfer of Spanish and Portuguese institutions to America; colonial society; the wars for independence. Second semester: the development of the Latin American republics; their relations to the United States and to world politics. *Open to juniors. Prerequisite, 1-2. Alternates with 9-10.* PROFESSOR BONHAM.

POLITICAL SCIENCE

ASSOCIATE PROFESSOR DEALEY AND ASSISTANT PROFESSOR JANZEN

1-2. THE PROBLEM OF GOVERNMENT. A study of the problems of

governmental structure and operation in the United States. In the second semester particular attention is paid to the American party system and to changing party policies. *Open to freshmen.*

ASSOCIATE PROFESSOR DEALEY AND ASSISTANT PROFESSOR JANZEN.

3-4. COMPARATIVE GOVERNMENT. Democratic government and administration in Great Britain and France, conflicting political forces in Japan, and the governments and economic policies of the Fascist and Communist dictatorships in Germany, Italy, and the Soviet Union. *Prerequisite, 1-2.* ASSOCIATE PROFESSOR DEALEY.

5-6. INTERNATIONAL RELATIONS AND INTERNATIONAL LAW. First semester: a study of international politics, with special attention to the factors which condition the relations between states and to the procedures and institutions of international intercourse. Second semester: an introduction to the law of nations. *Open to juniors.*

ASSISTANT PROFESSOR JANZEN.

7-8. AMERICAN DIPLOMACY. A detailed study of the foreign policy of the United States toward certain selected world powers. Special emphasis is placed on such problems as neutrality, extraterritoriality, freedom of the seas, Monroe Doctrine, arbitration, recognition, colonization, and economic penetration. *Open to seniors who have completed or who elect 5-6. Prerequisite, 1-2.* ASSISTANT PROFESSOR JANZEN.

9-10. DEVELOPMENT OF CONSTITUTIONAL LAW AND THEORY. Basically a case-study of American constitutional law. Considerable attention will be paid to the shifting theories of government and to economic changes which condition constitutional interpretations. *Open to seniors. Prerequisite, 1-2.* ASSOCIATE PROFESSOR DEALEY.

ECONOMICS

PROFESSOR PATTON

1-2. GENERAL ECONOMICS. A study of the productivity, interrelationships, and social regulation of economic activities, with particular reference to contemporary American conditions. *Open to sophomores.*

3-4. NATURAL RESOURCES AND INDUSTRIES. A study of natural resources, their geographical distribution, the development of the industries dependent on them, and their connection with national rivalries and technological progress. *Open to juniors.*

5-6. ECONOMIC PROBLEMS. A detailed study of the corporation, trust, and public utility problems as they affect the American people today. *Open to seniors.*

Art

PROFESSORS CHASE AND FANCHER, ASSISTANT PROFESSOR MATTINGLY, AND MR. ROOT

1-2. ANCIENT ART. First semester: Greek sculpture, architecture, and vase-painting. Second semester: Roman sculpture, painting, architecture, and construction; early Christian and Byzantine art; transition to medieval art. A textbook, supplemented by illustrative material, including charts, photographs, and lantern slides; collateral reading. *Open to seniors.* ASSISTANT PROFESSOR MATTINGLY; PROFESSOR CHASE.

3-4. APPRECIATION OF ART. A consideration of the aesthetic and expressive aspects of graphic forms, followed by a brief critical and historical review of the work of the greatest masters of European painting from Giotto to Picasso. Practically all discussion is based on pictures exhibited in the classroom. *Open to seniors and juniors in two divisions of ten men each. Three hours a week for twelve weeks. Credit two semester hours.* MR. ROOT.

5-6. DRAMATIC INTERPRETATION. The dramatic presentation of masterpieces of the drama for the purpose of developing physical expression on the platform. *Open to sophomores approved by the instructor. Fee, $5. One hour a week.* PROFESSOR FANCHER.

Music

PROFESSORS SHUTE, FANCHER, AND TWEEDY

1-2. INTRODUCTION TO MUSIC. For undergraduates without musical training as well as for those with some musical background. First semester: the rudiments of music and the study of the various forms. Second semester: the history of music. *Open to juniors.*

PROFESSOR TWEEDY.

3-4. CHORAL MUSIC. The singing, largely *a cappella,* of church music; selections from such great composers as Palestrina, Bach, Haydn, Byrd, Händel, Mendelssohn, from the liturgy of the Russian Church, from Negro spirituals, and from composers of the modern schools. Those taking this course constitute the College Choir. *Open, with the approval of the instructor, to all undergraduates in regular standing. The basis of approval is ability to sing. Three hours a week throughout the year. Credit, three semester hours.* PROFESSOR FANCHER.

5-6. ADVANCED MUSIC APPRECIATION. A study of the music of the

renaissance, of Bach, Beethoven, Brahms, and Wagner, and of modern composers. *Open to approved seniors. Prerequisite, 1-2.*

PROFESSOR TWEEDY.

7-8. HARMONY. A practical course in harmony, designed to give the student a thorough command of chord relationships, with particular emphasis on harmonic ear-training. Applicants for this course must understand thoroughly notation and the elements of music, and be able to play some instrument or have had at least a year's work in the College Choir. *Open to juniors who elect 1-2, and to approved sophomores. Alternates with 9-10.* PROFESSOR TWEEDY.

9-10. COUNTERPOINT. Thorough drill in contrapuntal writing for advanced students in composition. *Open to seniors who elect 5-6 and who have had 7-8. Alternates with 7-8.* (Not offered in 1937-38.)

PROFESSOR SHUTE.

11-12. COMPOSITION IN THE SMALLER FORMS. *Prerequisites, 7-8 and 9-10.* (Not offered in 1937-38.) PROFESSOR SHUTE.

For those desiring individual instruction in instrumental or vocal music, excellent teachers are available. A practice room is maintained by the College which may be rented for one hour daily at $15.00 for the college year.

There are also available for undergraduate use a large collection of phonograph records and a comprehensive section in the College Library devoted to music and musicians.

Group C

MATHEMATICS

PRESIDENT FERRY AND PROFESSORS CARRUTH, BROWN, AND PATTERSON

1-2. ALGEBRA; TRIGONOMETRY. First semester: introductory review; functions and their graphs, theory of equations, determinants, partial fractions, permutations and combinations, infinite series. Second semester: theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles. *Required of all freshmen except those who enter with four and one-half units of mathematics.*

PROFESSORS CARRUTH, BROWN, AND PATTERSON.

2B. COLLEGE GEOMETRY. A sequel to elementary plane geometry; theorems and constructions relating to the triangle and the circle, and

the theory of harmonic forms; special emphasis on the analysis of problems and constructions. *To replace Mathematics 2 for those who present trigonometry for entrance credit.*

PROFESSORS BROWN AND PATTERSON.

3-4. ANALYTIC GEOMETRY; CALCULUS. First semester: an elementary course in plane analytic geometry. Cartesian and polar coördinates, simple curve-tracing, study of the straight line and conic sections. Second semester: differentiation and simple integration, with applications to algebra, geometry, and mechanics. *Prerequisite, 1-2, or four and one-half units of entrance mathematics.*

PROFESSORS BROWN AND PATTERSON.

5-6. CALCULUS; ANALYTIC GEOMETRY. Further study of differential and integral calculus, and analytic geometry, including analytic geometry of three dimensions. Applications. *Prerequisite, 3-4.*

PROFESSOR CARRUTH.

7-8. DIFFERENTIAL EQUATIONS; PROJECTIVE GEOMETRY. First semester: the solution of the simpler types of differential equations, with applications to physics. Second semester: elementary synthetic geometry, involving ranges of the first and second order, and construction. *Prerequisite, 5-6.* PROFESSOR PATTERSON.

9-10. SURVEY COURSE. A survey of the earlier courses in algebra, analysis, and geometry, introducing material that had previously been omitted, supplying rigorous proofs for many theorems, and studying briefly the logical foundations of the science. A preparatory course for those planning either to teach mathematics or to take graduate study in it. *Open to juniors who have elected 7-8.* PROFESSOR CARRUTH.

BIOLOGY

PROFESSORS HESS AND BUTCHER, AND DR. ROGERS

1-2. GENERAL BIOLOGY. An introduction to the study of plant and animal life, with particular attention to the structure and functions of organisms. The course is designed to serve both as a source of general knowledge and as a background for advanced work in the biological sciences. Laboratory work is based on a study of plants and animals selected to illustrate the functions and principles involved. *Open to freshmen. Laboratory fee, $20.*

3-4. ZOOLOGY OF VERTEBRATES; EMBRYOLOGY. First semester: the dissection and study of a series of vertebrates from a comparative viewpoint, tracing the progressive modifications in the organ systems

from fishes to mammals, with special emphasis on mammalian anatomy. Second semester: the development of representative forms of the chief classes of vertebrates, with particular emphasis on the embryology of the frog, chick, and mammal, supplemented by demonstrations of other forms. *Prerequisite, 1-2. Laboratory fee, $20.*

5-6. GENETICS; HISTOLOGY AND MICROSCOPICAL TECHNIQUE. First semester: a study of the important facts of evolution and heredity in animals and plants and the application of these facts to man. In the laboratory, practical applications of the facts of inheritance are illustrated by experiments with the fruit fly. Second semester: a practical course in the methods of microscopical technique, and a study of mammalian tissues. *Prerequisite, 1-2. Laboratory fee, $20.*

7-8. PHYSIOLOGY; BACTERIOLOGY. First semester: a study of the more fundamental problems of general physiology, and the functions of the organ systems in the different animal groups. Second semester: a study of the general principles and technique of bacteriology including the relation of micro-organisms to health and disease. *Prerequisites, 3-4, and Chemistry 1-2; but all three courses may be taken together. Laboratory fee, $20.*

9-10. ZOOLOGY OF INVERTEBRATES; EXPERIMENTAL ZOOLOGY. First semester: a study of invertebrate animals, including the structure, physiology, life histories, ecology, and distribution of representative forms. Second semester: readings, conferences, and laboratory work on problems in experimental zoology. *Prerequisites, 3-4, and the approval of the instructor. Laboratory fee, $20.*

CHEMISTRY

PROFESSOR SAUNDERS, ASSOCIATE PROFESSOR MCKINNEY, AND DR. ROGERS

All courses in chemistry require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fees are $25 a year.

1-2. ELEMENTARY COLLEGE CHEMISTRY. A thorough discussion of the fundamental laws and theories of chemistry, together with a study of the gases, the metals, and the periodic system of the elements. In the lecture room special emphasis is laid on chemical calculations, and in the laboratory a considerable number of quantitative experiments are made to illustrate the laws of combining proportions, etc.

PROFESSOR SAUNDERS.

3-4. Analytical Chemistry. First semester: qualitative analysis. The theory and practice involved in the systematic separation and identification of the commoner cations and anions and the analysis of unknown substances. Second semester: quantitative analysis. Classroom drill and laboratory practice in the more important typical gravimetric and volumetric methods. *Prerequisite, 1-2.*

Associate Professor McKinney.

5-6. Organic Chemistry. An introduction to the chemistry of the compounds of carbon. The more important groups of aliphatic and aromatic compounds; lectures and recitations, with closely coördinated laboratory work on the preparation of typical compounds; selected special topics, such as the chemistry of nutrition and agricultural chemistry. *Prerequisite, 1-2.*

Associate Professor McKinney and Dr. Rogers.

7-8. Physical Chemistry. A study of the theories and laws of chemical phenomena. Gases, liquids, solids, solutions, colloids, thermochemistry, equilibrium, the phase rule, reaction velocities, electrical conductance, and a brief consideration of radioactivity and atomic structure from the chemical point of view. Laboratory work illustrating the fundamental principles considered in the classroom. Lectures, recitations, and laboratory. *Prerequisites, 3-4 and 5-6, and Physics 1-2 or its equivalent; but Chemistry 3-4 and 7-8 may be taken together. For those specializing in chemistry, Mathematics 3-4 is strongly recommended. Alternates with 9-10.* (Not offered in 1937-38.)

Associate Professor McKinney.

9-10. Advanced Organic Chemistry. A laboratory course continuing the work of 5-6. Emphasis is laid upon the study of the various type reactions of organic chemistry. Detailed attention is paid to the experimental conditions, yields, purity of products, and other factors necessary to the more advanced type of organic preparations. Conferences and laboratory work. *Open to juniors. Prerequisites, 5-6. Alternates with 7-8.* Associate Professor McKinney.

Physics

Professor Cameron and Dr. Nile

1-2. General Physics. The general principles of mechanics, sound, heat, light, electricity, and magnetism. Lectures, recitations, and laboratory work. *Open to sophomores. Laboratory fee, $10.*

3-4. Physical Mechanics. A lecture course on theoretical mechan-

ics, with emphasis on the dynamics and statics of particles and rigid bodies, wave motion, mechanics of fluids, kinetic theory of gases, elasticity, and atomic theory. *Prerequisites, 1-2, and Mathematics 3-4.*

5-6. ELECTRICITY AND MAGNETISM; PHYSICAL OPTICS. Lectures, recitations, and laboratory. *Prerequisite, 3-4; but both courses may be taken together. Laboratory fee, $20.*

9-10. ATOMIC PHYSICS. A survey of the important developments in the physics of atoms and electrons, including such topics as X-rays, radioactivity, ionization phenomena, photoelectric and thermionic effects, and the fundamentals of radio communication. Laboratory work illustrating these topics. *Open to juniors. Prerequisites, 1-2, and Mathematics 3-4. Laboratory fee, $20.*

Note: Physics 1-2 meets the requirement in physics for admission to most of the better medical schools.

GEOLOGY

PROFESSOR DALE AND DR. PARSONS

1-2. GENERAL GEOLOGY. An introductory course, including studies of the various geological agencies and processes responsible for the past and present surface features of the earth, the general composition and structure of the earth's crust, and the geological history of the earth. Lectures, recitations, laboratory, and field work. *Open to sophomores. Laboratory fee, $10.*

3-4. MINERALOGY. An introductory and determinative study of the more important minerals as shown by their crystal forms as well as by their important physical and chemical characteristics. Some attention is paid to the mode of occurrence, the origin, and the association of the chief rock-forming minerals, and those which are economically significant. Lectures, laboratory, and field work. *Prerequisite, Chemistry 1-2 or its equivalent. This course may parallel 1-2, 5-6, or 9-10 to advantage. Laboratory fee, $10.*

5-6. STRUCTURAL AND ECONOMIC GEOLOGY. First semester: a study of the primary structures of sedimentary and igneous rocks and the principles of deformation and geotectonics. Methods of determination of the structures in the field; interpretation and construction of topographic and geologic maps. Second semester: the geologic occurrence and origin of the important metallic and non-metallic ores with special consideration of coal, petroleum, and iron. The relation and the

importance of these to man are an essential part of the course. Lectures, discussions, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee, $10.*

7-8. PHYSIOGRAPHY AND ECONOMIC GEOGRAPHY. First semester: the consideration of geomorphology as applied to the physiographic provinces of the United States, followed by the elements of oceanography, meteorology, climatology, and paleoclimatology. Second semester: a detailed regional study of the relations between man and the natural environment of North America, particular attention being given to the resources of this continent. Lectures, discussions, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee, $10.*

9-10. PETROGRAPHY AND PETROLOGY. A microscopic study of rock-forming minerals and rocks, followed by the history, origin, and classification of rocks. Lectures, laboratory, and field work. *Prerequisites, 1-2 and 3-4; but 3-4 and 9-10 may be taken together. Laboratory fee, $10.*

PHYSICAL EDUCATION

DIRECTORS PRETTYMAN, GÉLAS, AND WINTERS, AND ASSOCIATE DIRECTOR WEBER

Three periods a week are required of all undergraduates, including 12 hours of golf, 12 hours of tennis, and 12 hours of skating, either in scheduled courses or as otherwise arranged.

The satisfactory completion of a course is determined by regularity of attendance, acquisition of knowledge, interest and effort, improvement, and ability.

1-2. FRESHMAN PHYSICAL EDUCATION. Instruction and practice in the fundamentals of tennis, golf, skating, and track athletics. Calisthenics, lower group games, and playground ball. Physical examinations, hygiene, and tests. *Required of all freshmen.*

3-4. SOPHOMORE PHYSICAL EDUCATION. Instruction and practice in the fundamentals of playground ball, speedball, basketball, hockey, and boxing. The activities include volley ball, golf, and tennis. *Prerequisite, 1-2.*

5-6. JUNIOR-SENIOR PHYSICAL EDUCATION. The requirement may be satisfied during the autumn and spring by electing golf, tennis, class team games and practice, or particular exercises approved by the department. During the winter the work is conducted in regularly

scheduled class hours, and includes tumbling, stunt apparatus, basketball, ice hockey, fencing, indoor baseball, and volley ball. *Prerequisite, 3-4.*

The recognized athletic teams are football, soccer, cross-country, basketball, ice hockey, fencing, track, baseball, golf, tennis, and skiing. Participation in the practice of one of these teams is accepted as an equivalent of the corresponding portion of 3-4 and 5-6.

Interclass competitions are arranged in all the intercollegiate sports, and instruction is provided as far as possible. Interfraternity and individual competitions in basketball, ice hockey, playground ball, track, golf, tennis, and skiing are encouraged and sponsored.

HONORS AND DEGREES

Honors and Commencement Appointments

Department honors may be awarded at graduation in the following subjects or groups of subjects: Greek; Latin; German; French; Italian and Spanish; English Composition; Public Speaking; English Literature; Philosophy; Ethics and Religion; History; Political Science; Economics; Music; Mathematics; Biology; Chemistry; Physics; Geology. An honor requires the attainment of an average standing of not less than 90 in the courses on which the honor is based. Undergraduates attaining a standing between 85 and 90 may also receive the honor, but only on a special recommendation by the head of the department, in which case extra work may be required. In English Composition a candidate must take all the courses offered, and must submit an acceptable prize essay in each of the first three years and, in addition, an acceptable Pruyn, Head, or Kirkland Oration. In Public Speaking a candidate must be an appointee to the Clark Prize Oration contest or to the McKinney Prize Debate. In the other departments the requirements are the same as those specified for majors (see pages 31 and 32); but English Literature 11-12 is required for honors in that department.

The names of seniors who have high honor, honor, or credit grades for the senior year and for the entire course are announced at the final chapel of the year. The Valedictorian and the Salutatorian are the two members of the graduating class who have attained, respectively, the highest and the next to the highest standing for the entire course.

Commencement speakers are: the Pruyn Prize, Head Prize, and Kirkland Prize orators; the Salutatorian, and the Valedictorian. If any one of these is not appointed, or if two appointments fall to one person, the Faculty may appoint others, not exceeding seven in all, from men of high honor grade and excellent rhetorical record.

Degrees

The only bachelor's degrees conferred by the College are Bachelor of Arts and Bachelor of Science. Information in regard to the requirements for these degrees is to be found on pages 31-33.

Opportunities for graduate study in candidacy for the master's degree are offered only to those who are officially connected with the College during the period of such study.

Degrees, both honorary and in course, are conferred only on those who are present to receive them.

Phi Beta Kappa

The Epsilon Chapter of the Phi Beta Kappa Society in the State of New York was chartered and established at Hamilton College in 1870. Two groups of undergraduates are elected to this Society annually; one at the end of the junior year and the other in April of the senior year. The choices are made on the basis of classroom standing, and except by unanimous consent of the Chapter the total number elected may not include more than one-eighth of the graduating class. Normally none are elected whose scholastic average is below 85.

The Root Fellowship

The Root Fellowship in Science, established in 1894 by the late Honorable Elihu Root, of the Class of 1864, is ordinarily granted for a single year of graduate study at some American or European university approved for that purpose in each individual instance by the Faculty. The stipend is $1,000, payable in October, February, and May in equal installments. The payment of each installment of the stipend is conditioned on the submission to the President by the fellow of satisfactory evidence of the successful progress of his studies. In the case of the third payment, this evidence shall consist of a comprehensive written report which shall be filed in the college

records. At the request of the Faculty, the fellow shall, on some suitable date between the spring recess and commencement, give a lecture or address to the College on a subject appropriate to his work of the year.

The holder of the Fellowship is not allowed to accept any remunerative employment during the college year of his tenure without the permission of the Faculty.

Any member of the senior class who has proved himself of a high order of scholarly attainment and has shown marked ability and special aptitude for research in one or more of the departments of science may be nominated to the Faculty for this award by the professors of those departments. From the men thus nominated, the Faculty will select by ballot by a two-thirds vote one who shall be recommended to the Trustees for appointment.

If the Faculty finds no suitable candidate in the graduating class of any year, it may recommend to the Trustees that the fellow appointed from the preceding class be continued in the fellowship for a second year, but no longer.

Classical Fellowships

The College contributes regularly to the support of the American School of Classical Studies at Athens and the American School of Classical Studies at Rome. Properly equipped graduates of the College are thereby entitled to compete for the annual fellowships awarded by these Schools, and to pursue studies at either without payment of tuition.

Scholarships

General Regulations

The income of the various permanent endowments enumerated below is used to provide scholarships for deserving undergraduates of limited means. Such scholarships are ordinarily granted for the first, second and fourth years only. The stipend paid by a full scholarship for the second and fourth

years is $250 if the recipient maintained an average of high honor (90 to 100) through the previous year, and $220 if the average mark was of honor grade (85 to 90) for that year; otherwise the amount which a full scholarship regularly bears is $190. The stipends are increased by $50, beginning with the Class of 1940. There are also certain partial scholarships paying smaller amounts. Scholarships are credited toward the term bills, one-half in each semester, if the holder keeps his eligibility good. A few of the scholarships are awarded under special rules.

No undergraduate may at one time hold more than one prize scholarship, nor while holding a prize scholarship may he be awarded a full general college scholarship.

Applications, which should be made to the President in writing, are considered in their order. The President must be personally assured of the fidelity and actual need of applicants. Ordinarily the benefits of these foundations are assigned to needy and meritorious students who have been orderly and diligent and who are without entrance conditions, postponed examinations of long arrears, or delinquencies in standing or attendance. If an incumbent is extravagant, or is guilty of any gross impropriety, or neglects to stand above mediocrity, the aid will be summarily withdrawn. This rule applies to all scholarships, including the prize scholarships.

Applications for scholarships for any college year should be presented in the month of February preceding.

The names of all holders of college scholarships are published annually in the catalogue.

The University of the State of New York provides in each assembly district five competitive University scholarships, based upon standing in Regents examinations, and yielding $100 annually for four years. Successful competitors may enter any approved college within the State. A University scholarship is not duplicated by a general college scholarship, but may be supplemented by it.

Scholarship Foundations

The amount of each foundation is $2,000, unless otherwise stated.

25 Andrew Carnegie, $50,000.
1 Leavenworth (for a student of that name), $12,000.
1 S. B. Steere (for a relative or for five others), $10,000.
1 Mrs. Charlotte B. Sackett Memorial, $10,000.
1 Charles Holland Duell, $10,000.
6 Laura Carter, $12,000.
5 Julia J. MacCartee, Darling Memorial, $9,525.
5 Soper Family (for Rome scholars), $10,000.
4 Melville E. Dayton Memorial (for Utica Free Academy scholars), $8,000.
2 William E. Dodge, $5,000.
5 Walcott-Pettibone, $9,500.
2 A. Delos Gridley, $5,000.
2 S. H. Jarden, $4,000.
2 Marquand, $4,000.
2 Theodore S. Hubbard, $3,500.
2 Horace B. Silliman, $3,000.
1 Charles D. Gilfillan, $2,500.
1 John R. Terrett Memorial, by A. P. Sloane.
1 Bement, $2,020.32.
1 D. Willis James.
1 Sylvester Willard Memorial.
1 Henry W. King.
1 Mrs. James L. Bradley.
1 Alexander Folsom.
1 J. B Wells.
1 Roswell P. Flower.
1 Marcus Judson, $1,000.
1 Nichols, $748.50.
1 Geneva Presbytery, $1,700.
1 C. C. Sheppard, $1,500.
1 William Burton, $1,500.
1 John J. Knox, $1,500.
1 P. Charles Cole, $1,000.
1 Class of 1867, $2,005.
1 James P. Soper.
2 J. Platt Underwood, $5,000.
1 O. T. Bundy.
1 Henry Scott McCall, $1,000.
2 Harriet Emily Clark Byne, $5,000.
1 Class of 1899, $2,516.59.
1 Henry Wales, $1,467.68.
2 Edwin Baylies, $5,000.
1 Class of 1889, $2,500.
1 H. Roswell Bates, by Maj. William A. Aiken.
1 Howard P. Ferguson, $2,500.
1 Charles G. Matteson Memorial, $1,026.
1 Class of 1909, $1,600.
1 Ethel Kelsey Evans.

The Benjamin Walworth Arnold Prize Scholarships

The Benjamin Walworth Arnold Prize Scholarship Fund of $20,000, given by Mrs. Benjamin Walworth Arnold in memory of her late husband, provides four prize scholarships of which one is to be given annually to that holder of a regular

scholarship in each college class who in the preceding year (or in the first semester in the case of freshmen) shall have made the best record in his college courses. These prize scholarships replace regular scholarships in each instance.

Senior Prize Scholarships

Four prize scholarships are awarded by vote of the Faculty at the close of the junior year, as follows:

The Chauncey S. Truax Prize Scholarship in Greek, yielding $360 to that senior who, having entered Hamilton as a freshman with unconditioned preparation in three years of Greek, shall have stood highest in the Greek work of the first three years with an average grade of not less than 85.

The Edward Huntington Memorial Mathematical Scholarship, founded by the late Alexander C. Soper, LL.D., '67, yielding $250.

The Arthur W. Soper Latin Scholarship, yielding $250.

The Duell German Scholarship, founded by the late Hon. Charles Holland Duell, LL.D., '71, yielding $250.

The awards are made in the order, first, of the values, and second, of the ages of the foundations.

Each scholarship is awarded to the senior of highest standing in the department in which it is offered. If another of these scholarships is already assigned to him, the award is made to the next highest in the department who has not received one. In determining highest standing, the relative ranking of the courses taken by the various candidates, as well as the grades gained in the identical courses, will receive consideration. To be eligible, an undergraduate must have taken all the courses of the department concerned up to the end of junior year, including prize examinations, and upon receiving an award must elect the courses of the department through senior year. To receive the stipend an appointee must complete senior year in this College and pay in full the college bills of that year.

Junior Prize Scholarships

The Oren Root Prize Scholarships. Two scholarships, of $100 each, are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years, and continue that subject through the junior year.

The Renwick Prize Scholarship in Biology, founded by Edward A. Renwick, A.M., of Chicago, Ill., yields $75 to a member of the senior or junior class appointed by the Faculty, for the study of biology during the summer vacation.

Freshman Prize Scholarships

The Fayerweather Prize Scholarships. Five scholarships, yielding $100 each for the freshman year, are awarded to five men of the freshman class, provided there are five, who gain the highest marks in the entrance examinations at the College in September on fifteen units of secondary school studies, as specified under Requirements for Admission. A competitor who fails in any unit may not receive an award. Appointees to these scholarships are eligible for the Maynard and Brockway Entrance Prize competitions (see "Prizes" 29, 30).

The Vrooman Prize Scholarship. Through the generosity of the late John W. Vrooman, LL.D., a foundation of $1,000 provides a prize scholarship to be awarded to that freshman who shall have passed the best admission examination on some portion of the Greek New Testament.

Prizes

It is provided in all cases that no award shall be made unless it appears to the judges that the work offered is worthy of such recognition.

To compete for a prize, an undergraduate must be in regular standing. Prizes are awarded only to those present to receive them on Commencement Day, unless excuses for absence have been granted by vote of the Faculty. Applications for excuse must be presented through the Dean in writing

before the final faculty meeting on the Friday preceding Commencement Day.

Information concerning the details of oration and essay competitions may be obtained from members of the Department of Public Speaking.

1. CURRAN PRIZE IN GREEK AND LATIN. A foundation of $700 by relatives of the late Col. Henry H. Curran, of the Class of 1862, provides a prize in Greek and Latin, offered to juniors, the prize consisting of money and a silver medal, commemorative of Col. Curran. The award is determined by written examinations in Greek and Latin. The competition in a given year is based upon course 5-6, 7-8, or 9-10, in Greek, and upon course 5-6 in Latin.

2. 3. HAWLEY PRIZES IN GREEK AND LATIN. A foundation of $500 by the late Martin Hawley, of the Class of 1851, provides two book prizes, equal in value, one for excellence in Greek, and one for excellence in Latin. In both cases the award is made to the undergraduate who has the best record in course 3-4.

4. WINCHELL PRIZE IN GREEK. A foundation of $1,000 by the late Walter B. Winchell, M.D., of the Class of 1880, provides a prize of $50 to be awarded annually, with the approval of the Faculty, to the undergraduate who, beginning Greek in college, shall have made the best record in three year-courses in that language.

5. BRANDT PRIZE IN GERMAN. By Frederic P. Warfield, of the Class of 1896, and others, in honor of the late Professor H. C. G. Brandt, a prize of $50 is offered to seniors for excellence in German.

6. CLARK PRIZE ORATION. A foundation of $1,000, begun by the late Aaron Clark, A.M., of New York, increased by the late Henry A. Clark, of the Class of 1838, provides prizes for seniors excelling in original oratory.

Subjects, 1938: Music and the Radio; The Supreme Court and the Popular Will; The New York State Barge Canal, an Incubus?; The Labor Movement in Politics; Japanese Aggression; The New Roman

Empire; The Sharecropper; Consumer Cooperatives in America; Rudyard Kipling; Parole; Propaganda and Democracy; Death on the Highway; The Revolt of the Southern Congressmen.

7. PRUYN PRIZE ORATION. A foundation of $500, given by the late John Van Schaick Lansing Pruyn, of Albany, Chancellor of the University of the State of New York, given on August 5, 1863, has provided for the award annually of the so-called Pruyn Medal. Under a revision of its terms, as approved by his heirs on October 26, 1933, a prize of $50 is offered in alternate years for the senior or junior writing the best oration on "The Political Duties of Educated Young Men."

This prize is available for 1938 and alternate years thereafter.

Subject, 1938: The College Man and Radical Movements.

8. HEAD PRIZE ORATION. A foundation of $1,000 by the late Franklin H. Head, LL.D., of the Class of 1856, provides a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

Subject, 1938: Hamilton as an Interpreter of the Constitution.

9. KIRKLAND PRIZE ORATION. A foundation of $500 by the late Mrs. A. R. Kirkland, of Clinton, provides a prize for the senior writing the best oration upon a theme in biblical science.

Subject, 1938: Simon Peter, the Dynamic Apostle.

10. KELLOGG ESSAY PRIZES. A foundation of $700 by the late Charles C. Kellogg, of the Class of 1849, provides book prizes for one junior, one sophomore, and one freshman who excel in English essays.

Subjects, 1938: *Juniors,* A. E. Housman; Queen Victoria in Recent Literature. *Sophomores,* Shakespeare and the Movies; Sir James M. Barrie. *Freshmen,* F. Scott Fitzgerald and the Jazz Age; John Steinbeck.

11. COBB ESSAY PRIZE. A foundation of $500 by the late Willard A. Cobb, of the Class of 1864, provides a prize of $25 for the undergraduate submitting the best essay on journalism.

Subject, 1938: Hamilton Life.

12. HUTTON ESSAY PRIZE. A foundation of $500 by the late William Hutton, D.D., of the Class of 1864, provides a prize of

$25 for the sophomore submitting the best essay on an assigned subject in the history, translations, or literature of the Bible.

Subject, 1938: How Patient Was Job?

13. CUNNINGHAM ESSAY PRIZE. A foundation of $500 by the late John Howard Cunningham, of the Class of 1866, provides a prize of $25 for the senior submitting the best essay on some phase of the life of Abraham Lincoln.

Subject, 1938: Lincoln in the Press of His Time.

14. DEAN ALFANGE ESSAY PRIZE. A foundation of $2,500 by Dean Alfange, of the Class of 1922, provides a prize for the undergraduate writing the best essay on a subject dealing with the growth and development of American Constitutional Government.

Subject, 1938: The Changing Social Policy of the Supreme Court.

15. KNEELAND PRIZE. A foundation of $1,000 by the Rev. Martin Dwelle Kneeland, D.D., of the Class of 1869, provides a prize for the undergraduate who has the best record when his grades in a year-course on the Bible and in an essay competition on an assigned biblical subject are combined.

Subject, 1938: The Wisdom Literature of the Old Testament and the Apocrypha.

16. WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING. A prize of $200, in memory of William Duncan Saunders, of the Class of 1925, is offered by Mrs. Edward Wales Root and Alexander Woollcott, L.H.D., of the Class of 1909, for the best piece of undergraduate writing either submitted in manuscript or published before the beginning of the second semester.

The competition is open to all undergraduates in attendance at the College in the year of the award. Papers are to be left at the President's Office before 12 o'clock on May 2. Professor Robert Barnes Rudd is the chairman of the Committee of Award and will nominate the other members, the majority of whom are to be from the Faculty of the College.

17. MCKINNEY PRIZE DEBATE. A foundation of $1,500 by the late Charles McKinney, of Binghamton, provides two prizes of $50 and $25 for seniors excelling in extemporaneous debate.

The proposition for debate is chosen by the Reading Committee and

submitted to the Faculty for approval early in the second semester.

The Prize Debate is held on the last Wednesday evening before the spring recess, at eight o'clock. Notes may not be used in the debate.

Subject, 1937: The Proposed Changes in the Supreme Court.

18. McKinney Prize Declamation. A foundation of $700 by the late Charles McKinney, of Binghamton, provides book prizes for the two men in each of the three lower classes who excel in declamation.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in declamation up to the time of appointment. The competition is held in the College Chapel on the Friday afternoon of commencement week.

19. Squires Prize in Philosophy. A foundation of $2,000 by Byron B. Taggart, of the Class of 1896, in honor of the late William Harder Squires, Ph.D., of the Class of 1888, provides a prize of $100 to be awarded annually, with the approval of the Faculty, to that senior who shall have the highest grade when the marks in three year-courses in philosophy and a special examination designed for the purpose are combined.

20. Darling Prize in American History. A foundation by the late Charles W. Darling, of Utica, supplemented by a friend of the College, provides a prize of $25 for the senior having the best record in at least two courses in American History offered to his class.

21. Putnam Prize in American History. The gift of Dr. Frederick W. Putnam of Binghamton, supplemented by a friend of the College, provides a prize of books to the value of $20 for the senior having the second best record in at least two courses in American History offered to his class.

22. Soper Prize Thesis. A foundation of $1,500 by the late Arthur W. Soper, of New York, provides a prize of $75 for the best thesis on a topic in economics assigned by the Faculty.

The competition is open to all seniors who are taking a second or third year-course in Economics. The thesis subject for each class is announced toward the end of junior year. Theses are not limited as to length. They must be left at the President's Office before noon of the

Saturday following the spring recess. They are judged by a committee chosen by the Faculty from outside its membership.

Subject, 1938: American Foreign Trade Policy Since the World War.

23. TOMPKINS PRIZES IN MATHEMATICS. A foundation of $3,200 by the late Hamilton B. Tompkins, A.M., of the Class of 1865, provides prizes of $100 and $50 for juniors who excel in mathematics. The award is made upon the basis of an examination near the close of junior year, involving the work of courses 3-4 and 5-6 in mathematics.

24. HOLBROOK PRIZE IN BIOLOGY. A foundation of $1,000 by the late David A. Holbrook, of the Class of 1844, provides a prize of $50 to the senior having the best record in three year-courses in biology.

25. UNDERWOOD PRIZE IN CHEMISTRY. A foundation of $3,000 begun by the late George Underwood, of the Class of 1838, and increased by the late J. Platt Underwood, of the Class of 1870, provides a prize for the senior who excels in chemistry.

26. NORTON FOUNDATION. Thomas Herbert Norton, Ph.D., Sc.D., of the Class of 1873, has provided a foundation of $550 for the encouragement of research in chemistry, the sum to be increased in subsequent years. It is prescribed that half of the income in each year shall be given as a prize to that undergraduate or graduate student in the College who shall have demonstrated the most capacity for research in chemistry; and the other half shall be used to purchase books on chemistry for the Library; except that, in case in any year no such marked capacity for research in chemistry is shown, the entire income of that year shall be applied to the purchase of appropriate scientific works for the Library.

27. SOUTHWORTH PRIZE IN PHYSICS. A foundation of $500 by the late Tertius D. Southworth, of the Class of 1827, provides a prize for the senior who excels in physics.

28. GEOLOGY PRIZE. Through the generosity of an anonymous donor, a prize of $50 is to be awarded annually to that

senior majoring in geology who shall have made the best scholastic record in the courses taken in that department.

29. MAYNARD ENTRANCE PRIZE. A prize of $100 is offered annually by Reuben Leslie Maynard, A.M., of the Class of 1884, of New York, N. Y., to that freshman who shall have passed the best entrance examinations in all the subjects of an admission group at the College in September, shall prove himself of good conduct and character in the College, and shall gain an average grade of high honor in his work through the freshman year.

30. BROCKWAY ENTRANCE PRIZE. A foundation established by the late A. Norton Brockway, M.D., of the Class of 1857, provides a prize of $25 annually which is offered to the freshman who shall have passed the second best entrance examinations in all the subjects of an admission group at the College in September and shall complete the work of the freshman year in an orderly manner.

31. JAMES SOPER MERRILL PRIZE. Through the generosity of James P. Soper, Jr., '11, a gold watch, known as the James Soper Merrill Prize, is awarded at commencement time to that member of the graduating class "who, in character and influence, has best typified the highest ideals of the College." It is provided that the Faculty shall select the recipient of this award.

GENERAL INFORMATION

Situation

The College is situated at the center of New York State, in the county of Oneida, one mile from the village of Clinton. Seven miles to the northeast lies the city of Utica, on the main line of the New York Central, accessible from Clinton both by car and by the New York, Ontario & Western Railroad (at present without passenger service).

The College occupies a natural plateau nine hundred feet above the sea and three hundred feet above the adjacent valley. Its campus is a park of about one hundred and sixty acres, shaded by venerable trees, with an easterly exposure, overlooking the Oriskany and Mohawk valleys. Its buildings, arranged in quadrangles, are modern and adequate, and, with few exceptions, are constructed entirely of stone. The naturally healthful conditions secured by the elevation and by air exceptionally pure and dry are supplemented by a private water supply from spring-fed reservoirs above the College, and by an extensive system of sanitation constructed in accordance with the best modern practice and officially approved by the state authorities.

Buildings

DORMITORIES. Three dormitories afford accommodations for about one-half of the undergraduates. Carnegie Hall (1904) and South College (1906) together receive about 140 men. North College (1842, refinished 1931) affords comfortable accommodations for 62 men at more moderate rental. The dormitories are heated by steam and have electric lights, suitable bathrooms, and hardwood floors. North College has a reception room for the use of the occupants.

Nearly all the rooms are arranged in suites, which are restricted to two, three, or four occupants. No reduction is made in the rental if a suite is occupied by less than the

designated number of men. The College provides essential furniture; and full care of rooms is included in the rental. All rooms are leased for the academic year only, and the buildings are closed during vacations. Details and the rules governing the leasing of rooms may be obtained from Edward M. Coughlin, the Bursar of the College.

SCIENCE AND RECITATION HALLS. Three buildings are devoted to the work of the science departments. Root Hall of Science (1897) houses the departments of physics and mathematics, with an entire floor for each. The Chemical Laboratory (1903), a two-story stone building, greatly enlarged and newly equipped in 1930, is devoted exclusively to the department of chemistry. The Biology-Geology Building (1925), at the north end of the west quadrangle, accommodates the departments of biology and geology. It contains ample laboratories and lecture rooms, the departmental libraries, and the College Museums of Natural History, Mineralogy, and Anthropology. Silliman Hall (1889) accommodates the department of music, and furnishes a meeting place for the undergraduates. Benedict Hall of Languages (1897) and Truax Hall of Philosophy (1900) provide recitation rooms for other departments of instruction.

ADMINISTRATION BUILDING. Buttrick Hall (1812), recently known as Knox Hall, the first building erected by the College, has been restored (1926) to its original form and adapted to the purposes of administration. It provides offices for the President and other officers of the College, and a convenient room for meetings of the Trustees and of the Faculty.

CHAPEL. The Chapel (1828, enlarged 1897), occupying the central site on the campus, is the home of the religious life of the College. It contains a fine organ and memorial windows. It affords a place for public lectures, concerts, and the commencement exercises.

COMMONS. The Soper Commons (1903), a dignified Gothic dining hall, has accommodations for furnishing table board to two hundred students. Here are held college plays, class reunion dinners, and the alumni luncheon at commencement.

GYMNASIUM AND ATHLETIC EQUIPMENT. The Soper Gymnasium (1891, remodeled 1912) is equipped to afford facilities for indoor training. The ground floor contains the directors' offices, a large locker room with steel lockers, dressing rooms, showers, and a stock room. The main exercising floor above is fitted with an oval running track, a basketball court, and wall and floor apparatus.

The Russell Sage Building (1922) houses a 220-yard cinder running track and an enclosed playing-field about 85 by 200 feet in size. This serves in winter as an ice hockey rink and in other seasons, particularly during inclement weather, for the scheduled physical education hours of the undergraduate body generally. This building provides at the same time a well-lighted space for football practice of certain kinds in the late afternoon hours of October and November and a place for baseball and tennis on rainy days.

The Steuben Athletic Field, adjoining the main group of buildings, has a well-drained and watered football field and jumping pits, surrounded by a quarter-mile track and a 220-yard straightaway, both of cinders; a soccer field; a baseball diamond beyond the Russell Sage Building, carefully levelled and drained; and nine tennis courts.

The equipment of the College for physical education includes also the Hamilton B. Tompkins Golf Course of nine holes, covering about sixty-five acres, all in the northwesterly portion of the campus, with the first tee and the ninth green both within a few rods of the gymnasium.

LIBRARY. The Library (1914), the gift of Mrs. Ellen Curtiss James, is a substantial fireproof building, well adapted to the needs of the College. It has a reading room, 30 by 65 feet in size; a periodical room; a main stack room with a capacity of 175,000 volumes; a treasure room; an art room, with a stack room adjoining for books on art and archaeology; a newspaper room; and rooms for other special purposes. One of the larger rooms has been redecorated and furnished, and equipped with about 1,500 carefully selected books as a "Browsing Room," a memorial to a friend of the College.

The Library contains the following special collections: the Edward Robinson Library on the Geography of Palestine, including most of the itineraries and books of travel before 1850; the Brandt Collection on Germanic Philology; the Morrill Library of Biology; the Shepard Library of Old Provençal, Old French, and modern French literature; and from various sources large and growing collections on classical archaeology and philology, on Romance philology, and on medieval English history. In the field of classical archaeology it has several hundred Greek and Roman coins, the gift of N. Emmons Paine, M.D., of the Class of 1874, and of the late Benjamin W. Arnold, LL.D., of the Class of 1886; the Burgess Collection of more than one hundred examples of ancient glass, Greek vases, and Etruscan and Roman pottery, the bequest of the late Professor Edward S. Burgess, of the Class of 1879; papyri, casts, and some 5,000 photographs and prints; and a considerable Chinese collection made by Rev. Justus Doolittle, '46, comprising books, objects of worship, etc.

The Library is open every college week-day from eight to six, and from seven-thirty to eleven; on Sundays in the afternoon and evening; and in vacations daily from nine to four. Guidance is given to the students in the use of catalogues, bibliographies, and reference books and in the methods of working in the Library.

At present the Library contains about 176,000 volumes. Approximately 700 current periodicals and serials are received. The income from Library endowments of $200,000, supplemented by appropriations from the general funds of the College, provides for its growth and administration. During the year 1936-37, 4,450 volumes were added to the book collection. In the selection of books, primary regard is given to the wants of the several departments of instruction and to the needs of the Faculty for research; but recommendations for the purchase of books of general interest, or such as any undergraduate desires for his own reading, always receive attention and are acted upon favorably if possible.

Scientific Collections

The Knox Museum of Natural History, located in the Biology-Geology Building, contains valuable scientific collections, the most important of which are classified as follows:

GEOLOGY AND MINERALOGY. More than 20,000 specimens of fossils, rocks, and minerals are accurately classified and arranged to illustrate the geological history of the earth, and the economic geology and mineralogy of important regions, particularly of New York State. The collection was founded by the elder Professor Oren Root, of the Class of 1833, about 1850. Under his direction it was extended to include 10,000 specimens, chiefly from New York State, some of which are the finest of their several kinds; and this part is known as the Oren Root Collection of New York State Minerals. It has been increased by purchase, by exchange, and by generous gifts from the late Egbert Bagg, of Utica, N. Y., the late John D. Conley, Ph.D., '69, the late Benjamin W. Arnold, LL.D., '86, Mrs. Frederick H. Gouge, of Utica, N. Y., and other friends of the College.

BIOLOGY. The biological division includes the extensive herbarium of the late H. P. Sartwell, Ph.D., of Penn Yan, N. Y., well known as a fine representation of American flora; the Benjamin D. Gilbert collection of ferns, donated by the Utica Public Library of Utica, N. Y.; more than 3,000 land, fresh-water, and marine shells, accurately classified; a collection of Japanese shells and insects, the gift of the late Rev. Henry Loomis, '66; the Barlow collection, comprising 13,000 insects, presented by the late Hon. Thomas Barlow, of Canastota, N. Y.; a large and valuable collection of butterflies, presented by the late Benjamin W. Arnold, LL.D., '86; several hundred bird skins, collected and prepared by Harry E. Dounce, '10; and several hundred specimens of birds and mammals, well mounted and classified.

ANTHROPOLOGY. The collection includes about 2,000 specimens to illustrate the civilization of the Indians of North America, an extensive collection from the lake dwellings at Robenhausen, Switzerland, and many specimens illustrative of primitive culture in other parts of the world.

Medical Service

RESIDENT PHYSICIAN. Dr. Albert R. Hatfield, Jr., of Utica is regularly available to the officers and undergraduates of the

College at his office in the Infirmary one-half hour directly after chapel on Tuesday, Thursday, and Saturday in the first semester and on Monday, Wednesday, and Friday in the second semester; on all days except Saturday and Sunday from 4:30 to 5:30 p.m.; on Saturday and Sunday from 11:45 a.m. to 12:45 p.m.

Dr. Clifford D. Gallagher as Clinical Pathologist and Dr. Robert C. Hall as Consultant in Roentgenology, both of Utica, are associated with Dr. Hatfield in the medical service of the College.

INFIRMARY. The Perry H. Smith Hall, formerly the College Library, became the College Infirmary in 1923. It includes a large ward with six beds, two isolation rooms, a surgeon's room with medical and surgical appliances, an X-ray outfit, and a diet kitchen; and accommodations for the resident nurse.

An infirmary fee of $15 a year entitles the undergraduates to the services of the college physician and the resident nurse. In particular, one week in the Infirmary is provided without further cost. A charge of twenty-five cents is made in each instance for medicine and other materials used in dispensary treatment.

A foundation, known as the Robert Macalister Farrell Nursing Fund, donated by Dr. Thomas H. Farrell, of Utica, in memory of his son, Robert Macalister Farrell, '21, is applied toward the cost of hospital care for undergraduates.

Religious Instruction

The College, while under no denominational control, is distinctly Christian, and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the patriotic devotion of its founders, and treats the devout recognition of God, revealed in His world and His word, as elemental and indispensable in the development of true manhood.

As a required college exercise there is held in the Chapel three mornings each week, except during the examination

period, a brief service, ordinarily with Bible reading, song, and prayer. Each Sunday morning at eleven o'clock there is public worship, at which all members of the College are regularly required to be present.

The college preachers for the year 1936-1937 were:

Rev. Prof. Howard C. Robbins, D.D., General Theological Seminary, New York, N. Y.

Pres. Harry Lathrop Reed, D.D., Auburn Theological Seminary, Auburn, N. Y.

Rev. John Sheridan Zelie, D.D., Westwood, Massachusetts.

Rev. Donald B. Aldrich, D.D., New York, N. Y.

Rev. Robert Gardner McGregor, D.D., New Rochelle, N. Y.

Pres. Henry Sloane Coffin, LL.D., Union Theological Seminary, New York, N. Y.

Pres. J. Edgar Park, D.D., Wheaton College, Norton, Mass.

Rev. Prof. Rufus M. Jones, D.D., Haverford College, Haverford, Pa.

Dean Rockwell Harmon Potter, D.D., Hartford Theological Seminary, Hartford, Conn.

Rev. Wendell Prime Keeler, D.D., Yonkers, N. Y.

Rev. Prof. Robert L. Calhoun, Ph.D., Yale Divinity School, New Haven, Conn.

Rev. Albert G. Butzer, D.D., Buffalo, N. Y.

Dean Henry P. Van Dusen, Ph.D., Union Theological Seminary, New York, N. Y.

Rev. John Harvey Lee, D.D., Germantown, Pa.

Rev. Bernard Iddings Bell, D.D., Providence, R. I.

Rev. Boynton Merrill, D.D., West Newton, Mass.

Rev. Earl L. Douglass, D.D., Germantown, Pa.

Rev. Eugene Carson Blake, Albany, N. Y.

Rev. Philip Smead Bird, D.D., Cleveland, Ohio.

Rev. William Chalmers Covert, LL.D., Philadelphia, Pennsylvania.

Rev. Theodore C. Speers, D.D., New York, N. Y.

Rev. Prof. Amos N. Wilder, D.D., Andover-Newton Theological Seminary, Newton Centre, Mass.

Rev. Willard P. Soper, D.D., Pelham Manor, N. Y.

Rev. Wilbur V. Mallalieu, S.T.D., Harrisburg, Pa.

Rev. Phillips Elliott, Brooklyn, N. Y.

Rev. Prof. Henry Hallam Tweedy, D.D., Yale Divinity School, New Haven, Conn.

Rev. Allan Knight Chalmers, D.D., New York, N. Y.
Rev. Archibald Black, D.D., Montclair, N. J.
Dean Robert R. Wicks, D.D., Princeton, N. J.
Rev. Robert M. Russell, D.D., Larchmont, N. Y.
Dean Charles R. Brown, D.D., Yale Divinity School, New Haven, Conn.
Rev. William P. Schell, D.D., New York, N. Y.

Every Christian man entering College is urged to become a member of the College Church, by letter either of commendation or of transfer. The Lord's Supper is celebrated three times in the college year.

Lectures

MYERS LECTURES. Under a memorial endowment established by the mother of the late John Ripley Myers, '87, public lectures on subjects of general interest are given before the College by persons of distinction.

WOOD LECTURES. A fund established in his honor by friends and former students of the late Professor Frank Hoyt Wood, Ph.D., provides for an annual lecture by a speaker selected by the Department of Political Science, with the approval of the Faculty. The lecture of the year 1936-37 was delivered by Professor Charles H. McIlwain, of Harvard, on the subject, "The Historical Background of Judicial Review."

Musical Associations

The College Choir is an undergraduate chorus which devotes itself to the singing of the highest type of choral music. Its reputation is so outstanding that a large and distinguished audience gathers for its recital in New York City, during the annual spring tour (see Music 3-4, p. 49).

All undergraduates in regular standing have an opportunity to compete for admission to the Choir. Ability to sing is the sole requirement. Previous experience is helpful but not necessary.

The Musical Art Society, an association which includes in

its membership faculty, undergraduates, and alumni of the College, sponsors several concerts each year by such artists as José Iturbi, Friedrich Schorr, Georges Barrère, and the Musical Art Quartet. These concerts are supplemented by informal musicales given by members of the college community and by visiting musicians.

The College Band provides opportunity for musical expression for undergraduates who play wind instruments.

Undergraduate Organizations

GENERAL ASSOCIATION FOR UNDERGRADUATE ACTIVITIES. The following undergraduate organizations are included in the General Association for Undergraduate Activities: the athletic teams, intramural sports, the dramatic club, and intercollegiate debating. The control of these various organizations is vested in the Faculty, with a council or executive board of the General Association, consisting of seven undergraduates, with advisory members from the Trustees, the Faculty, and the alumni, administering certain matters of peculiar interest to the undergraduates. The Bursar of the College is treasurer and all moneys pass through his hands.

The organizations in the General Association are financed in part by an undergraduate activities tax, which this year is $19. Payment of this fee is optional, but is expected of every undergraduate who is financially able. The tax goes toward providing the equipment and defraying other expenses of the teams and clubs in the General Association, and entitles members to free admission to all games and entertainments given on College Hill under the auspices of this organization.

DEPARTMENTAL ASSOCIATIONS. Several study clubs help to bring the members of the college community into closer personal relations. These, the German Club, the History Club, the Political Science Club, the Biology Club, and the Geology Club, are directed by the members of the departments concerned.

PUBLICATIONS. The undergraduate publications include

Hamilton Life, a weekly, the *Hamiltonian,* an annual, and the *Continental.* The *Hamilton Handbook,* containing general college information, is prepared and distributed each autumn by a committee of undergraduates.

Expenses

Annual college charges include the following:

For All Undergraduates

Tuition	$250
For the Class of 1940 and later classes, $300	
Infirmary	15
Undergraduate Activities	19

A charge of $5 is regularly made for every semester hour taken in excess of the normal number.

For Residents of the Dormitories

Room rent in

Carnegie Hall	$125 to $150
South College	125 to 165
North College	85 to 125
Electric light, by meter, about	10

The Soper Commons offers board by the week and by the meal under the direction of a manager appointed for the purpose. The price of board by the week is $7.00. *A la carte* service is also maintained.

Living expenses for undergraduates who room and board in fraternity houses or elsewhere may vary somewhat from the figures given above. The College provides the necessary furniture for the rooms in the dormitories. Laboratory fees are charged in certain science courses, ranging from $10 to $25 for the year. The graduation fee is $10. An undergraduate's additional expenses will necessarily be governed by his tastes, resources, and appreciation of the value of money.

College bills are payable semi-annually in advance, within

ten days of the time of issuance. The Trustees instruct the Bursar to report the names of all undergraduates who are delinquent in the payment of their college charges, and the President is instructed to exclude such men from college exercises until payment is made. Absences thus incurred are not excused. Damage to college property is charged to the individuals or classes responsible. If these are not known, the charge is assessed upon the whole undergraduate body, *pro rata*. No reduction in tuition fee is made for absence in case an undergraduate withdraws, returns to a class which he has left, enters late, is absent under discipline, or is dropped. No undergraduate may receive a degree or honorable dismissal whose college bills are unpaid.

Postal and Railway Service

The post-office address of the College is Clinton, N. Y.

The railroad is the New York, Ontario & Western, Utica Division (without passenger service). Buses leave Utica at a quarter before and a quarter past the hour; they leave Clinton on the hour and half-hour.

The usual express accommodations are provided by the American Railway Express Co., via the N. Y., O. & W. R. R.

DEGREES, HONORS AND PRIZES

1936-1937

Degrees in Course

Bachelor of Arts

John Evans Adamson, Jr.
John Tracy Amsden
Eugene Henry Heerdt Baxter
William Simpson Beatty, ΦBK
Robert Dow Branch
Kent Henry Brown
John McCauley Byrne
Frank Joseph Clark, Jr.
William Bell Clark, Jr., ΦBK
William Philo Clark
Fredric Holmes Dew
Henry Curry Estabrook
Harold Morton Esty, Jr.
Hiram John Evans
Edwin Foote Gillette, ΦBK
Arthur Theodore Goossen
Edward Gray Guy
Ralph Theodore Haas, ΦBK
Robert Theodore Hall, ΦBK
John Leonard Henninger
William Sylvester Holt
Joseph Thomas Hopkins
Benjamin James
John Foulkes Jones, Jr.
Milton Kaplan, ΦBK
Elmer William Knapp
Donald Frederic Lewis
Matthew Weed Marvin
Richard Allen McLaughlin, ΦBK
George Nathaniel Meyl
Andrew Stewart Moscrip, ΦBK
Daniel Joseph Nicholas, ΦBK
Emanuel Vincent Occhionero
Hugh Vaughan Parry
John William Polley, ΦBK
John Edgar Pritchard
Allan Chamberlain Rearick, Jr.
Edward Kimball Renwick
Karl Frederick Rinas
Norman Ferens Ruhle
Warren Archibald Russell
John Charles Sabine
Herbert Thomas Slade
Carlos Duncan Smith
Gilbert Glenn Sprague
Moses Sweetgall
William Joseph Taylor
Edwin Griswold Warner, Jr.
August Irving Wieners
John Birks Wilkes
Roswell Gridley Williams
John Mervin Wood, Jr.
William Mannering Woods
Fendall Winston Yerxa
Hartley Zwahlen

Bachelor of Science

Alfred Joseph Angelico, ΦBK
Joseph Bachner, ΦBK
Francis Folsom Baker
John Cook Baldwin, Jr.
Francis Andrew Brown
Arthur Ansty Darrigrand
Robert George Eisenhardt
Samuel Wharton Fader
John Taylor Farquhar
Lewis Bernard Greenbaum, ΦBK
Kendall Earl Hay
Edward P. Jones
Clement Russell Phelps
G. Ralph Smith
Mahlon Franklin Stilwell
Charles Wynn Thompson
Paul Barrett Thompson
Charles Sheridan Wager
Douglas Holt Washburn, ΦBK
Roy Duane Wilcox
Robert Post Worden

Honorary Degrees

Doctor of Divinity

Theodore Cuyler Speers

Doctor of Laws

Benjamin Dean Meritt
Philip Caryl Jessup
William Francis Dowling
Carter Glass*

Honors

Scholarship Honors for the Course

Class of 1937

Honor

Milton Kaplan, *Valedictorian*
William Simpson Beatty, *Salutatorian*

Alfred Joseph Angelico
Joseph Bachner
Francis Andrew Brown
Robert Theodore Hall
Richard Allen McLaughlin
Andrew Stewart Moscrip

* Degree conferred October 30, 1937.

William Bell Clark, Jr.
Edwin Foote Gillette
Lewis Bernard Greenbaum
Ralph Theodore Haas
Daniel Joseph Nicholas
Clement Russell Phelps
John William Polley
Allan Chamberlain Rearick, Jr.
Douglas Holt Washburn

CREDIT

John Tracy Amsden
John Cook Baldwin, Jr.
Kent Henry Brown
Fredric Holmes Dew
Hiram John Evans
Edward Gray Guy
John Leonard Henninger
John Foulkes Jones, Jr.
George Nathaniel Meyl
Emanuel Vincent Occhionero
G. Ralph Smith
Gilbert Glenn Sprague
Mahlon Franklin Stilwell
Moses Sweetgall
Paul Barrett Thompson
Hartley Zwahlen

ELECTIONS TO PHI BETA KAPPA

Class of 1937

Alfred Joseph Angelico
Joseph Bachner
William Simpson Beatty
William Bell Clark, Jr.
Edwin Foote Gillette
Lewis Bernard Greenbaum
Ralph Theodore Haas
Robert Theodore Hall
Milton Kaplan
Richard Allen McLaughlin
Andrew Stewart Moscrip
Daniel Joseph Nicholas
John William Polley
Douglas Holt Washburn

Class of 1938

Robert Livingston Allen
Walter Francis Cronin
David Maldwyn Ellis
Charles Robert Gibbs
Alfred Lunt Putnam

DEPARTMENT HONORS, Class of 1937

GREEK: Messrs. Gillette, Nicholas, Rearick.
LATIN: Messrs. Henninger, McLaughlin.
GERMAN: Mr. F. A. Brown.
PUBLIC SPEAKING: Messrs. Guy, Haas.
ENGLISH LITERATURE: Messrs. McLaughlin, Washburn.
HISTORY: Messrs. Beatty, Polley, Sweetgall.
POLITICAL SCIENCE: Messrs. Greenbaum, Kaplan, Moscrip.

ECONOMICS: Messrs. Bachner, W. B. Clark.
MATHEMATICS: Messrs. Angelico, Gillette, Phelps, Stilwell.
BIOLOGY: Messrs. Evans, Sprague.
CHEMISTRY: Mr. Angelico.

SCHOLARSHIP HONORS FOR THE YEAR 1936-37

Class of 1937

HIGH HONOR: Messrs. Angelico, Haas, Moscrip.

HONOR: Messrs. Bachner, Beatty, W. B. Clark, Gillette, Greenbaum, Kaplan, McLaughlin, Nicholas, Occhionero, Polley, Pritchard, Washburn.

CREDIT: Messrs. Adamson, Amsden, F. A. Brown, K. H. Brown, Darrigrand, Dew, Evans, Farquhar, Guy, Hall, Hay, Henninger, Lewis, Meyl, Parry, Phelps, Rearick, G. R. Smith, Sprague, Stilwell, Sweetgall, Wilcox, Woods.

Class of 1938

HIGH HONOR: Messrs. Allen, Ellis, Hoch.

HONOR: Messrs. Bingenheimer, Cantor, Cronin, deCourcy, Dedell, deLalla, Elliott, Gibbs, T. B. Kelley, Linn, R. F. Nichols, Power, Putnam, Read, Ruscito, Shankland.

CREDIT: Messrs. Adams, Brown, Eagan, Getman, Hoffman, Hutchinson, Irwin, Keane, Mellor, F. L. Nichols, H. S. Nichols, Parrott, Pooley, Rogers, Russell, Scott, Tucker, Tufts, Waddington.

Class of 1939

HIGH HONOR: Messrs. W. A. Jones, Long.

HONOR: Messrs. Bornmann, Carter, Curran, Knobloch, Merritt, Morgan, Nord, Richards, Schultz, Tice, Williams.

CREDIT: Messrs. Bascom, Batts, Brandt, Childs, Coupe, DeSanctis, Doyle, Hilfinger, W. Kirk, Leavenworth, McMillen, Palmer, Sannela, Towner, Treyz, Underwood, Weeden, Woods.

Class of 1940

HIGH HONOR: Messrs. Bacon, Missbach, Shepp.

HONOR: Messrs. Glenn, Gouge, W. E. Griffith, Hansmann, Kolb, Ladd, LaForce, Lewis, McCormick, Price, Silberstein, Warfield.

CREDIT: Messrs. Bartholomay, Davis, Forbush, Gardner, Heidner,

Klosson, Maloy, Marshall, G. I. Miller, Nevin, Nichols, Payne, Phair, Rumsey, Schmidt, Seeger, Smith, Vanderwaart, Waszkiewicz.

Prizes

ROOT FELLOWSHIP IN SCIENCE: Clement Russell Phelps.

BENJAMIN WALWORTH ARNOLD PRIZE SCHOLARSHIPS: Class of 1938, Robert Livingston Allen; Class of 1939, William Allenby Jones; Class of 1940, Richard Campbell Missbach; Class of 1941 (To be announced later). For the year 1936-37, Class of 1940, Richard Campbell Missbach.

CHAUNCEY S. TRUAX PRIZE SCHOLARSHIP IN GREEK: No candidate.

EDWARD HUNTINGTON MEMORIAL MATHEMETICAL SCHOLARSHIP: Thomas Richard Dedell.

ARTHUR W. SOPER LATIN SCHOLARSHIP: John Jacob Bingenheimer.

THE DUELL GERMAN SCHOLARSHIP: Walter Francis Cronin.

OREN ROOT PRIZE SCHOLARSHIPS: William Charles Bornmann, Horace Grant Underwood.

RENWICK PRIZE SCHOLARSHIP IN BIOLOGY: Hiram John Evans.

FAYERWEATHER PRIZE SCHOLARSHIPS: No award.

CURRAN PRIZE IN GREEK AND LATIN: No candidate.

HAWLEY PRIZE IN GREEK: Frank Westley Merritt.

HAWLEY PRIZE IN LATIN: Herbert Strainge Long.

WINCHELL PRIZE IN GREEK: Robert Wilson Shankland, 3d.

BRANDT PRIZE IN GERMAN: Francis Andrew Brown.

EIGHTY-SECOND CLARK PRIZE ORATION: Ralph Theodore Haas. *The other appointees to the contest*: Messrs. W. B. Clark, Slade.

SEVENTY-FOURTH HEAD PRIZE ORATION: Ralph Theodore Haas.

SIXTY-FIFTH KIRKLAND PRIZE ORATION: No award.

KELLOGG ESSAY PRIZES: Juniors, No competition; Sophomores, Frank Westley Merritt; Freshmen, Norman Silberstein.

COBB ESSAY PRIZE: No competition.

HUTTON ESSAY PRIZE: No competition.

CUNNINGHAM ESSAY PRIZE: Edward Gray Guy.

KNEELAND PRIZE: No award.

WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING: No award.

SIXTY-NINTH MCKINNEY PRIZE DEBATE: *First,* Ralph Theodore Haas; *Second,* Edward Gray Guy. *The other appointees to the contest*: Messrs. Kaplan, Slade.

MCKINNEY PRIZE DECLAMATION: Juniors: *First,* William Howell Mas-

ters; *Second,* Charles Kenneth Soper; Sophomores: *First,* Andrew McCarty Canterbury; *Second,* Messrs. Howard John Gillan and William Edward Towner; Freshmen: *First,* George Lloyd Barton, 3d; *Second,* Harrie Bertsch Price, 3d.

SQUIRES PRIZES IN PHILOSOPHY: Robert Theodore Hall, Daniel Joseph Nicholas.

DARLING PRIZE IN AMERICAN HISTORY: Moses Sweetgall.

PUTNAM PRIZE IN AMERICAN HISTORY: John Edgar Pritchard.

FORTY-FIFTH SOPER PRIZE THESIS: No award.

TOMPKINS PRIZES IN MATHEMATICS: *First,* Thomas Richard Dedell, *Second,* Alfred Lunt Putnam.

HOLBROOK PRIZE IN BIOLOGY: Hiram John Evans.

UNDERWOOD PRIZE IN CHEMISTRY: Alfred Joseph Angelico.

NORTON FOUNDATION PRIZE: No award.

SOUTHWORTH PRIZE IN PHYSICS: No award.

MAYNARD ENTRANCE PRIZE: *Class of 1940,* No candidate; *Class of 1941,* No candidate.

BROCKWAY ENTRANCE PRIZE: *Class of 1940,* No candidate; *Class of 1941,* No candidate.

JAMES SOPER MERRILL PRIZE: Henry Curry Estabrook.

HAMILTON COLLEGE SINGING TROPHY: The Class of 1939.

College Scholarships*

First Semester, 1937-38

First Group

With a Grade of 90-100 for the Year 1936-37

Class of 1938: Messrs. Ellis, Hoch.

Class of 1940: Messrs. Bacon, Shepp.

Second Group

With a Grade of 85-89 for the Year 1936-37

Class of 1938: Messrs. deCourcy, Elliott, Gibbs, Kelley, Linn, R. F. Nichols, Putnam, Read, Ruscito.

Class of 1940: Messrs. Glenn, W. E. Griffith, Hansmann, Kolb, Ladd, LaForce, Lewis, McCormick.

Third Group

With a Grade below 85 for the Year 1936-37

Class of 1938: Messrs. Brown, Button, Deller, Eagan, Fullerton, Gaffney, Gawehn, Hoffman, Hutchinson, Irwin, D. W. Jones, Keane, Laux, Leavenworth, Materne, May, H. S. Nichols, Patten, Pooley, Sidle, Taylor, Tucker, Waddington.

Class of 1939: Messrs. Bascom, Vicary.

Class of 1940: Messrs. Barfoot, Bartholomay, Barton, Davis, Felitto, Forbush, Geer, R. F. Griffith, Grokoest, Hahn, Holmes, Hoppe, Jones, Keane, Langdon, Maloy, Nevin, Phair, Remis, Root, Schacher, Schmidt, Seeger, Sprague, Stewart, Waszkiewicz, Wilson, Young.

Freshman Group

Not Graded

Messrs. Bartram, Brennan, Bushnell, G. P. Campbell, J. R. Campbell, Cragnolin, Cummins, D'Agostino, Deyo, Elliott, Goehner, Henderson, Hennessy, Joy, Kiley, Lumb, MacKie, MacLenathen, Mangan, Moon, Rich, Rockwell, Rutherford, Sega, Sottong, Southworth, Start, Taggart, Tate, Towner, J. H. Underwood, J. T. Underwood, Weeden, Whitney, Williams.

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*For Prize Scholarship awards see previous pages.

REGISTRATION*

Fellow

Phelps, Clement Russell — *Rochester*
Root Fellow in Science. In residence at Harvard University, Cambridge, Massachusetts.

Candidate for the Degree of Master of Arts

Miner, Robert Graham *History, English*	*Binghamton*	Prof. Graves's

Seniors, Class of 1938

Adams, David Green	*Caldwell, N. J.*	ΤΚΕ House
Allen, Robert Livingston	*Hamadan, Iran*	ΛΧΑ House
Beilby, George Everett, Jr.	*Albany*	ΔΚΕ House
Benedict, Charles Franklin	*Norwich*	ΨΤ House
Bingenheimer, John Jacob	*Niagara Falls*	ΔΚΕ House
Brockway, Donald Robert	*Franklin Springs*	Franklin Springs
Brown, Charles Kimball, Jr.	*Deposit*	ΔΚΕ House
Button, Ervine Jerold, Jr.	*Chittenango*	12 C
Byrne, James Whitefield, Jr.	*Utica*	Utica
Cantor, Allan William	*Staten Island*	Prof. Tweedy's
Carmer, Myron Ernest	*Lyons*	ΨΤ House
Carroll, Horace Allen	*Indianapolis, Ind.*	ΧΨ Lodge
Clark, Arthur Kermit	*Utica*	Utica
Clark, John Gilman, Jr.	*Holyoke, Mass.*	4 N
Cronin, Walter Francis	*Oneida*	19 N
Dalton, Gordon Harold	*Oneida*	Chapel
deCourcy, Robert Lorenz	*Darien, Conn.*	ΧΨ Lodge
Dedell, Thomas Richard	*Yorkville*	17 N
deLalla, Vincent, Jr.	*Utica*	37 N
Deller, William McGregor	*Oxford*	Emerson Hall
Dillon, Harvey Morton	*Bala-Cynwyd, Pa.*	17 S
Dwyer, Gregory Kennedy	*Potsdam*	38 N
Eagan, Edward Cecil	*Castleton, Vt.*	ΑΔΦ House
Elliott, Thomas Leslie	*Manchester*	12 C

*C—Carnegie Hall. N—North College. S—South College.

Ellis, David Maldwyn	*Utica*	3 N
Fowler, Harold Ellsworth	*Cooperstown*	ΘΔX House
Fullerton, John Sheron	*Huntington*	Emerson Hall
Gaffney, Justin James	*Sauquoit*	Clinton
Gawehn, Ernest Paul	*Rome*	Rome
Getman, William Doolittle	*Syracuse*	ΘΔX House
Gibbs, Charles Robert	*Whitesboro*	Whitesboro
Goldsborough, John Brice	*Croton*	ΨΥ House
Guhsé, Mott Paul	*Forest Hills*	ΔΥ House
Guilford, Burton Morse	*Cheshire, Conn.*	12 C
Hahn, Robert Oscar	*Utica*	Utica
Hallock, Andrew Charles	*Danbury, Conn.*	ΘΔX House
Harder, Alfred Willis	*Kingston*	Emerson Hall
Higinbotham, Philip Edward	*Ithaca*	18 S
Hoch, Peter Carl	*Zollikon bei Zurich, Switzerland*	ΨΥ House
Hoffman, Charles Alfred	*Utica*	Utica
Hughes, Tudor Robert	*Utica*	Chapel
Hutchinson, Howard Craig	*Kenmore*	ΔΚΕ House
Irwin, John Wellington	*Endicott*	Chapel
Jones, DeLancey Floyd-Jones	*Bronxville*	ΑΔΦ House
Jones, Donald Wainwright	*Utica*	ΔΥ House
Keane, Daniel Joseph, Jr.	*Binghamton*	ΛΧΑ House
Keeler, Robert Louis	*Buffalo*	ΨΥ House
Kelley, Thomas Basil	*Syracuse*	ΑΔΦ House
Kelly, Joseph Alleyne	*Emporia, Kans.*	ΨΥ House
Kelsey, John Spicer	*Evanston, Ill.*	ΑΔΦ House
Laird, David Burrington	*Herkimer*	14 N
Laux, Elgar Franklyn	*Jamaica*	ΔΚΕ House
Leavenworth, William Clarence	*Crawfordsville, Ind.*	ΧΨ Lodge
Linn, John Gaywood	*Queens Village*	11 N
Masters, William Howell	*Cleveland, O.*	ΑΔΦ House
Materne, William Merritt	*Stamford, Conn.*	ΑΔΦ House
Matthews, Frank Hall, Jr.	*Little Neck*	ΛΧΑ House
May, John Paul	*Rome*	Silliman Hall
McCall, John Oppie, Jr.	*Larchmont*	ΔΥ House
McGinn, William Huxford	*Skaneateles*	ΨΥ House
Mellor, Frank Shepherd	*Clark Mills*	Clark Mills
Moore, Clark Wilbur	*Hulberton*	ΨΥ House
Nichols, Frederick Lewis	*Clinton*	Clinton

Nichols, Harry Stoddard, Jr.	*Herkimer*	ΤΚΕ House
Nichols, Rae Francis	*Brooklyn*	Emerson Hall
Parrott, John Percival	*Geneva*	ΤΚΕ House
Patten, Donald Walter	*Skaneateles*	11 C
Payne, Julian Frederic	*Sherburne*	ΔΚΕ House
Pooley, Montgomery Gerrans	*Buffalo*	ΣΦ Place
Power, Carleton Gilmore	*Albany*	ΔΚΕ House
Priestman, Maynard Gordon	*Kings Park*	Powell House
Pugh, Thomas	*Endicott*	9 N
Putnam, Alfred Lunt	*Olean*	23 S
Quinn, John Francis	*Utica*	ΔΚΕ House
Read, William Evan	*Flint, Mich.*	Emerson Hall
Reynolds, Roger Allen	*Delmar*	Emerson Hall
Riddleberger, Hugh Compton	*Jackson Heights*	ΧΨ Lodge
Rogers, Cleaves Lincoln	*Lockport*	ΔΚΕ House
Ruscito, Anthony Joseph	*Utica*	Utica
Russell, Raymond Alvin	*Buffalo*	Emerson Hall
Santry, Joseph Augustus	*Little Falls*	ΔΤ House
Scott, William Edwin	*Rome*	ΧΨ Lodge
Shankland, Robert Wilson, 3d	*Kenmore*	Emerson Hall
Shaw, Joseph Bernard, Jr.	*Utica*	Utica
Sidle, Winant	*Lansdowne, Pa.*	ΣΦ Place
Soper, Charles Kenneth	*Pelham Manor*	ΣΦ Place
Sullivan, Eugene Lyons, Jr.	*Seneca Falls*	ΘΔΧ House
Taylor, Francis Eugene	*Malone*	ΧΨ Lodge
Thomas, Frank Howard, Jr.	*Cynwyd, Pa.*	ΘΔΧ House
Thorp, John VanDeWater	*Flushing*	ΨΤ House
Truesdell, Charles Ward	*South Otselic*	ΔΤ House
Tucker, Duane Charles	*Auburn*	ΤΚΕ House
Tufts, John Marshall	*Verona, N. J.*	E S
Waddell, Mathews Cary	*St. Paul, Minn.*	ΑΔΦ House
Waddington, George Rhodes	*Clark Mills*	Clark Mills
Wardwell, Addison Farwell, 2d	*Sacket Harbor*	ΑΔΦ House
Whipple, DeForest Thompson	*Rochester*	ΔΚΕ House
Wood, Frank Donald	*Springfield, Mass.*	ΔΤ House
Young, Jerome Derwin	*Utica*	Utica

Juniors, Class of 1939

Allen, Richard Savage	*Port Huron, Mich.*	ΣΦ Place
Andrews, Robert Houghton	*Clinton*	Clinton

Barker, John Perry	*Hollis*	Emerson Hall
Bascom, Robert Dorus	*Utica*	Utica
Bate, David Soulé	*Essex Fells, N. J.*	Emerson Hall
Batts, Arthur Alanson, Jr.	*Lewiston*	Emerson Hall
Bornmann, William Charles	*Brooklyn*	ΛΧΑ House
Bowen, Richard Mason	*Niagara Falls*	ΛΧΑ House
Boyd, John Wetherall	*Westport, Conn.*	ΘΔΧ House
Bramley, Howard Morgan	*Dallas, Tex.*	ΣΦ Place
Brandt, William Reed	*White Plains*	ΑΔΦ House
Braveman, Sidney Arthur	*Utica*	Utica
Canterbury, Andrew McCarty	*Canton, O.*	ΔΥ House
Capozzella, Henry Francis	*Utica*	Utica
Carter, John Robert	*Kenmore*	Emerson Hall
Cate, Louis Clarence	*Montour Falls*	ΨΥ House
Chanatry, Anthony George	*Utica*	26 S
Childs, David Cleaveland	*Troy*	ΨΥ House
Coffin, Sanford	*Katonah*	ΨΥ House
Collins, William Kenneth, Jr.	*Albany*	ΨΥ House
Coupe, James Leo	*Utica*	ΔΚΕ House
Cunningham, Frederick Haines, Jr.	*New York*	ΘΔΧ House
Curran, Hugh McCollum	*Santa Barbara, Calif.*	ΔΥ House
D'Agostino, Anthony Rocco, Jr.	*New Hartford*	New Hartford
Daw, Lawrence Coryell	*Syracuse*	ΔΚΕ House
DeSanctis, Alfred Louis	*Utica*	Utica
DeVito, Frank Joseph	*Utica*	Utica
Dodge, Hamilton	*Mystic, Conn.*	ΧΨ Lodge
Doyle, David James	*Flushing*	10 C
Dudley, Robert Andrew	*Fairport*	ΔΥ House
Ellison, Malcolm Mitchell	*Stuyvesant*	Emerson House
Erickson, William Gustave, Jr.	*Stottville*	ΔΥ House
Fancher, William Sumner	*Walton*	Emerson Hall
Farrell, Richard Harry	*Sherrill*	Emerson Hall
Foster, William Lawrence	*Syracuse*	ΤΚΕ House
Gadbaw, Joseph John	*Utica*	Utica
Gilmore, Harry Lucullus, Jr.	*Syracuse*	ΑΔΦ House
Gleason, Charles Frederick	*Cortland*	ΛΧΑ House
Godshall, Harry Lincoln, Jr.	*Ventnor City, N. J.*	ΘΔΧ House
Gould, Henry Richardson	*Lyons Falls*	ΑΔΦ House
Hampshire, John Richard	*Palmyra*	24 N
Hawley, John Babcock	*Scarborough*	26 N

Hilfinger, Martin Foster, Jr.	*Syracuse*	ΨΥ House
Hitchcock, John Edward, Jr.	*Syracuse*	Emerson Hall
Hole, Robert Bertram	*Auburn*	ΔΚΕ House
Hummer, William MacFarlane	*Syracuse*	ΨΥ House
James, Robert Foote	*Mohawk*	ΔΥ House
Jones, William Allenby	*Utica*	23 S
Judson, Harry Evenden	*Syracuse*	ΑΔΦ House
Kempf, John Frederick	*Utica*	ΔΥ House
Kennedy, Joseph Lawrence	*Rochester*	ΘΔΧ House
Kirk, William, Jr.	*Pennsgrove, N. J.*	ΘΔΧ House
Knobloch, Joseph Daniel	*Whitesboro*	20 N
Kordas, Paul John	*Utica*	Utica
Lake, Sam Lyon	*Pleasantville*	ΔΚΕ House
Lennon, Donald Earl	*New Berlin*	ΑΧΑ House
Lewin, Everett James	*Utica*	Utica
Littell, Frank Dellert	*Brooklyn*	ΔΥ House
Long, Herbert Strainge	*Dexter*	10 C
Male, Roy Raymond, Jr.	*Brooklyn*	ΑΧΑ House
Mangan, Thomas James	*Binghamton*	24 S
*McGaffin, Charles Gibson, Jr.	*Flushing*	——
McMillen, Alan Bourne	*Norfolk, Va.*	ΑΔΦ House
Merritt, Frank Westley	*Saranac Lake*	6 N
Moore, Frank, Jr.	*Whitestone*	ΘΔΧ House
Morgan, James Hart	*Ossining*	25 N
Newkirk, Russell Ernest	*Albany*	ΨΥ House
Nord, Charles Lowell	*Jamestown*	ΘΔΧ House
Palmer, Robert Murley	*Syracuse*	ΣΦ Place
Perry, Lee Edward	*New Rochelle*	ΔΚΕ House
Persike, Edward Charles, Jr.	*Brooklyn*	ΧΨ Lodge
Petri, Camillo Frederick	*Brookline, Mass.*	ΣΦ Place
Platt, Theron Griggs	*Roslyn*	ΑΔΦ House
Pugsley, Philip Earl	*White Plains*	ΔΥ House
Quimby, James Elwin	*North Adams, Mass.*	24 N
Richards, Robert Arthur	*Baldwin*	ΤΚΕ House
Robinson, Arthur Seymour	*Utica*	ΑΔΦ House
Roider, Walter James, Jr.	*Bainbridge*	ΑΧΑ House
Schultz, Charles Wesley	*Baldwin*	ΤΚΕ House
Stevens, Douglas Barton	*Scarsdale*	ΨΥ House

*Second semester only.

Tice, William Griffith	*Westfield, N. J.*	XΨ Lodge
Towner, William Edwards	*Hornell*	Emerson Hall
Treyz, Oliver Ernest	*Livingston Manor*	ΔXA House
Underwood, Horace Grant	*Seoul, Korea*	18 S
Vicary, George Hubert	*Skaneateles*	ΨΤ House
Wands, Hoyland Archibald	*Johnstown*	Powell House
Weeden, George Roger, Jr.	*Frankfort*	18 S
Williams, Robert George	*Scranton, Pa.*	33 N

Sophomores, Class of 1940

Adair, Arja Philip	*Scranton, Pa.*	XΨ Lodge
Bacon, Robert Lewis	*Port Henry*	35 N
Baldwin, Keith Morrisey	*Albany*	31 N
Barden, Keith Tilson	*Penn Yan*	XΨ Lodge
Barfoot, Earl Francis	*Syracuse*	C S
Barlow, William Edward	*Syracuse*	16 C
Bartholomay, Anthony Francis	*Utica*	29 N
Barton, George Lloyd, 3d	*Niagara Falls*	ΔKE House
Beakes, Francis Cleveland	*Hackensack, N. J.*	15 S
Bramley, William Alexander	*Jordan*	ΣΦ Place
Brooks, Seymour	*Utica*	27 N
Bush, Burton Thomas, Jr.	*Old Greenwich, Conn.*	24 S
Bush, John Edward	*Lowville*	ΔXA House
Cady, Alfred Morris, Jr.	*Syracuse*	ΔKE House
Caldwell, Harold VanYorx, Jr.	*Shaker Heights, O.*	TKE House
Callander, Robert Redfield	*Malone*	15 S
Cardamone, Joseph John, Jr.	*New Hartford*	B S
Chappell, Frederick Bogardus	*White Plains*	XΨ Lodge
Clarke, Elmer Berner	*Buffalo*	ΘΔX House
Connell, Donald Scott	*Westfield, N. J.*	ΣΦ Place
Davis, William Edward	*Rye*	14 S
Day, George Hess	*Philadelphia, Pa.*	22 S
DeBernardis, John Foch	*Utica*	21 C
DeVall, Franklyn Fulmer	*New Hartford*	29 S
Eagle, Henry, Jr.	*Port Washington*	ΔΔΦ House
Fancher, John William	*Syracuse*	30 N
Felitto, Joseph Anthony	*Utica*	Utica
Fish, Farley Grant	*Union Springs*	ΔΔΦ House
Forbush, Robert Waldron	*Rochester*	ΔKE House
Fuller, Donald Whitcomb	*Endicott*	TKE House

Gardner, Murray Hamish	*Watertown*	ΔKE House
Geer, Richard Fowler	*Syracuse*	ΔKE House
Giffin, John Henry	*Orange, N. J.*	ΑΔΦ House
Gillan, Howard John	*Rochester*	ΔKE House
Glenn, Edgar Mungen	*Philadelphia, Pa.*	11 N
Goodman, Richard Weeks	*Auburn*	12 S
Gouge, Frederick Hamilton	*Scarborough*	ΑΔΦ House
Griffith, Richard Francis	*South Trenton*	Emerson Hall
Griffith, William Edgar	*Remsen*	2 N
Grokoest, Albert Walter	*Norwood, Mass.*	3 S
Hahn, Robert Earl	*Utica*	31 N
Hansmann, Ralph Emil	*Utica*	Emerson Hall
Harder, Arthur James	*Kingston*	Emerson Hall
Harding, James Curtis	*Chatham*	ΨΥ House
Hayes, Robert Ur, Jr.	*Clinton*	ΔKE House
Heidner, Robert Hubbard	*Holyoke, Mass.*	ΣΦ Place
Hole, Legare Romig	*Auburn*	Clinton
Holmes, Wayne Meredith	*Utica*	Utica
Hoppe, Frank Martin	*Syracuse*	8 N
Howe, Thomas Litchfield	*White Plains*	8 S
Jamison, Hugh	*Summit, N. J.*	ΣΦ Place
Johnston, Andrew	*Utica*	6 C
Jones, Stanley Howard, Jr.	*Port Dickinson*	ΔΧΑ House
Kay, John Howell	*Clinton*	Clinton
Keane, Charles Daly	*Binghamton*	ΔΧΑ House
Kellogg, Edwin Welles, Jr.	*Jackson Heights*	ΧΨ Lodge
Kelly, Stephen Eugene	*New York*	ΘΔΑ House
Kerr, Robert Airdrie	*Hillburn*	3 S
Klosson, Boris Hansen	*Kenmore*	ΨΥ House
Kolb, Harry John	*Kenmore*	Emerson Hall
Ladd, LeRoy Stuart	*Frankfort*	17 N
LaForce, Robert Estill, Jr.	*Independence, Mo.*	ΣΦ Place
Langdon, Robert Millard	*Lyndonville*	ΨΥ House
Lenci, George Nathaniel, Jr.	*Summit, N. J.*	ΧΨ Lodge
Lewis, Robert Lawrence	*North Bellmore*	16 N
Maloy, Bernard Francis, Jr.	*Utica*	F S
Marelli, Reymond	*Paterson, N. J.*	8 S
Mark, Wilson William	*Batavia*	22 S
Marshall, Roy Jay, Jr.	*Rome*	8 C
McCormick, Harry James, Jr.	*Utica*	13 N

Merck, George Wall, Jr.	*New York*	ΣΦ Place
Merriman, Robert Smith	*Bristol, Conn.*	ΔΥ House
Miller, George Irving	*Utica*	5 N
Miner, Douglas Campbell	*Watertown*	17 S
Missbach, Richard Campbell	*Upper Montclair, N. J.*	ΔΧΑ House
Morgan, Raymond Storrs	*Chicago, Ill.*	Lewis House
Munson, Edmund Gibson, Jr.	*Utica*	27 S
Murphy, James Bartholomew	*Syracuse*	24 C
Nesbitt, Frank Bartlett	*Scarsdale*	ΘΔΧ House
Nevin, George Francis	*Newark*	6 C
Nichols, Ralph Arthur	*Clinton*	Clinton
Payne, Gordon Ronald	*Medina*	4 S
Phair, George	*Lyndhurst, N. J.*	ΤΚΕ House
Phelps, Frank VanRensselaer	*New York*	14 S
Pickett, Mansfield Elliott	*Pine Orchard, Conn.*	ΘΔΧ House
Price, Harrie Bertsch, 3d	*Chestnut Hill, Pa.*	ΔΚΕ House
Puckhafer, George Richard	*New York*	22 S
Remis, Stephen Thomas	*Clinton*	Clinton
Rice, John William	*Skaneateles*	11 C
Rock, Lewis Burnham, Jr.	*Dayton, O.*	ΧΨ Lodge
Rogers, Walter Ferrier, Jr.	*Syracuse*	ΨΥ House
Root, Charles Donaldson, Jr.	*Denver, Colo.*	ΧΨ Lodge
Ross, Eldred Lockwood	*Newburgh*	19 S
Rumsey, Simon Demarest, Jr.	*Ridgewood, N. J.*	21 S
Sammis, Gordon Clifton	*Huntington*	ΑΔΦ House
Sanson, Henry Bright	*South Orange, N. J.*	ΑΔΦ House
Schacher, George Philip	*Eden*	34 N
Schmidt, William Fredrick, Jr.	*Ridgewood, N. J.*	28 N
Seeger, Allen Harvey	*Buffalo*	39 N
Shepp, Murray Donald	*Brooklyn*	15 N
Shutt, Emmett Beardsley, Jr.	*Ramsey, N. J.*	ΨΥ House
Sisson, Bruce Carleton	*Old Greenwich, Conn.*	ΑΔΦ House
Smith, John Horton	*Newburgh*	19 S
Sprague, Wesley Donald	*Rome*	ΑΔΦ House
Stewart, Jay Phelps	*Utica*	32 N
Thomas, John Atlee Light	*Cynwyd, Pa.*	24 C
Thompson, Arthur Stewart	*Albany*	ΨΥ House
Tomlinson, David Ryland	*Watervliet*	ΨΥ House
Tupper, Robert Royal	*Buffalo*	ΘΔΧ House
Upcraft, John Francis	*Utica*	Utica

Vanderwaart, Peter Derrick	*Palmerton, Pa.*	ΘΔX House
Walsh, Robert Arnold	*Little Falls*	ΔΤ House
Warfield, Peter Foster	*Golden's Bridge*	ΣΦ Place
Waszkiewicz, Edwin Alexander	*Utica*	32 N
Wilhelm, Curtis Roger	*Huntington*	8 C
Williams, John Robert	*Prospect*	1 N
Wilson, James Hilton	*Larchmont*	TKE House
Wynkoop, Edward Judson, Jr.	*Syracuse*	ΨΥ House
Young, Lester Francis	*Chadwicks*	Chadwicks

Freshmen, Class of 1941

Abbey, Edward Hardstock	*Watertown*	17 C
Aitchison, William Wallace	*Washington, D. C.*	2 S
Allman, Richard Coover	*Birmingham, Mich.*	A S
Ames, Frederick Buckingham	*Cortland*	20 S
Applegate, Arthur Holmes	*Ilion*	Deansboro
Arms, Henry Noyes	*Fairfield, Conn.*	7 S
Barber, William Richard	*New York*	16 S
Bartram, Philip Rumbough	*East Aurora*	12 N
Baxter, William Bliss	*Ballston Spa*	7 C
Berkowitz, Ralph Norman	*Woodmere*	9 C
Bonnet, Robert Hugh	*Ridley Park, Pa.*	4 C
Bonney, George Edwin	*Watertown*	17 C
Brennan, Robert Owings	*Utica*	6 S
Brown, Henry Pell	*Montclair, N. J.*	30 S
Bushnell, Thomas Wilbur	*Ilion*	1 C
Cacozza, Louis Samuel	*Utica*	Utica
Campbell, George Prentiss	*Brooklyn*	23 C
Campbell, John Randolph, Jr.	*Dexter*	23 C
Carpenter, Nathaniel Leslie	*Greenwich, Conn.*	15 C
Clark, Donald Wrigley	*Evanston, Ill.*	19 C
Clifford, Maurice Cecil, Jr.	*Washington, D. C.*	7 N
Colburn, Arthur Presby	*Scarsdale*	28 S
Coriale, Salvatore Arthur	*Utica*	Utica
Cragnolin, Walter Arthur	*New Hartford*	New Hartford
Cummins, David Robinson	*Ridgewood, N. J.*	37 N
D'Agostino, Louis James	*New Hartford*	New Hartford
D'Aprix, George Small, Jr.	*Utica*	29 S
Davies, Fel Gale	*Utica*	5 S
Davis, Bertram Hylton	*New York*	3 C

Deyo, Frederick Arthur	*Fairfield, Conn.*	4 C
Drew, Herbert Gordon	*Lyons Falls*	11 S
Eddy, Willard Burdick, Jr.	*Rochester*	16 S
Eisengrein, Edward Henry	*Utica*	Utica
Elliott, Donald James	*Bombay*	14 C
Evans, Richard Donald	*Utica*	D S
Fernicola, Anthony Joseph	*Utica*	23 N
Francis, Leslie Theodore	*North Adams, Mass.*	10 N
Frees, George MacFarland	*Auburn*	5 S
Gardner, John Hamish, 3d	*Baltimore, Md.*	3 C
Godard, Alexander Walter	*Kenmore*	12 S
Goehner, Fred George	*Utica*	4 S
Gordon, William Kinne	*Ovid*	5 N
Gould, John Ferrey	*Morris*	20 S
Gourley, Edwin Adams	*Wakefield, Mass.*	7 C
Hatch, Prentice Manning, Jr.	*Stamford, Conn.*	15 C
Hayes, Gordon Milland	*Clinton*	Clinton
Henderson, James Alexander	*Yonkers*	27 N
Hennessy, Patrick James	*Utica*	12 N
Hooke, Albert Beardsley	*Rome*	5 C
Horne, Edward Wise	*Huntington*	3 S
Hornung, Willard Raymond	*Brooklyn*	6 S
Hyde, William Carter	*Utica*	Utica
Jessup, Frederick Peterson	*Ridgefield, Conn.*	13 S
Johnson, Alan Matthew	*Upper Montclair, N. J.*	20 C
Joy, William Williams	*Clinton*	Clinton
Juraschek, John Francis	*Stamford, Conn.*	11 S
Karwacki, Thaddeus John	*Utica*	32 N
Kaufman, Alfonse Samuel, Jr.	*Long Beach*	9 C
Kiley, Edward James	*Oswego*	21 N
Knox, Lloyd White	*Portland, Me.*	1 S
Leary, Edward Benjamin	*Oxford*	2 C
LeFevre, Donald André	*Schenectady*	2 C
Lowden, William Merton	*Warsaw*	2 N
Ludlam, John Marshall	*Cape May Court House, N. J.*	14 C
Lumb, Frank Edmund	*Canandaigua*	2 C
MacKie, Robb	*Washington, D. C.*	10 S
MacLenathen, William Merrick	*Brooklyn*	18 C
Mangan, Joseph Patrick	*Binghamton*	9 S
Matt, John Lewis	*Utica*	23 N

Matt, Louis Carmine	*Utica*	26 S
McKibbin, Seth J.	*Hornell*	2 S
McNamara, Harry Cyril, Jr.	*Valatie*	1 S
Miller, Laurance Pond	*Port Chester*	20 C
Miller, Walter Jonathan	*Cranford, N. J.*	ΨΥ House
Millner, David Abraham	*Staten Island*	21 C
Moon, Clyde Jay	*Prattsburg*	6 N
Moore, David Benson	*Hulberton*	21 S
Nelson, Norman	*Manchester, Conn.*	27 S
Ogilvie, George Edgerton, Jr.	*Montreal, Canada*	18 C
O'Neil, Sinon	*Binghamton*	22 N
O'Rourke, Paul Joseph	*Lyndhurst, N. J.*	1 C
Paravati, Michael Gerard	*Utica*	Utica
Peach, Robert English	*Syracuse*	22 C
Pendolf, Philip Peter	*Utica*	Utica
Perine, Wesley Wellington	*East Orange, N. J.*	28 S
Petronio, Arthur Anthony	*Utica*	Utica
Poulakis, Peter John	*Fulton*	21 C
Provost, Corbit Trumble	*Hartford, Conn.*	19 C
Reed, John Hart	*Rochester*	5 C
Remmer, Harry Thomas	*Utica*	10 S
Reynolds, William Whitbeck, Jr.	*Waterford*	22 C
Rich, Robert Peter	*Lowville*	36 N
Rockwell, Paul Abbott	*Oneida*	36 N
Rudd, Searle	*Rome*	9 S
Russell, James Stuart	*Larchmont*	ΑΔΦ House
Rutherford, Robert Alexander	*Frankfort*	6 S
Sega, Anthony Edmondo	*Rome*	Dr. Slater's
Smith, Samuel Edward	*Elmira*	1 C
Sottong, Philipp Curtis	*Wood-Ridge, N. J.*	36 N
Southworth, Thaddeus Ross	*Newtown, Pa.*	12 S
Start, Lester Jackson	*Remsen*	17 N
Symes, John Thomas, Jr.	*Lockport*	7 S
Taggart, William James, Jr.	*Katonah*	1 N
Tate, Robert Joseph	*Binghamton*	24 S
Thomas, Robert Charles	*Syracuse*	13 C
Thompson, George Hunter, Jr.	*Thompson Ridge*	27 N
Todman, Howard Franklin	*New York*	4 C
Towner, Robert Wallace	*Hornell*	28 S
Underwood, James Horton	*Seoul, Korea*	25 S

Underwood, John Thomas	*Seoul, Korea*		25 S
VanDeusen, Hiram Barringer	*Canandaigua*		9 S
Wadsworth, Sherwood Reilly	*Washington Mills*	Wash.	Mills
Weeden, Willis Fred	*Frankfort*		25 S
White, Richard Stephen	*Rye*		15 C
Whitney, Reynolds, Jr.	*Pelham*		18 N
Wilhelmi, John Erwin	*Duluth, Minn.*		16 C
Williams, John F., Jr.	*Waterville*		12 N
Wilson, John Denniston, Jr.	*Montrose, Pa.*		14 S
Wrensch, Donald Backus	*West Caldwell, N. J.*		13 C
Zahn, William Charles	*Valley Stream*		30 S

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Candidate for degree of A.M.	1
Seniors	99
Juniors	87
Sophomores	119
Freshmen	120
	426

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New York	328	Kansas	1
New Jersey	27	Maine	1
Connecticut	18	Maryland	1
Pennsylvania	13	Missouri	1
Massachusetts	8	Texas	1
Ohio	4	Vermont	1
District of Columbia	3	Virginia	1
Illinois	3	Korea	3
Michigan	3	Canada	1
Indiana	2	Iran	1
Minnesota	2	Switzerland	1
California	1		
Colorado	1	Total	426

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